

Fig. 1a

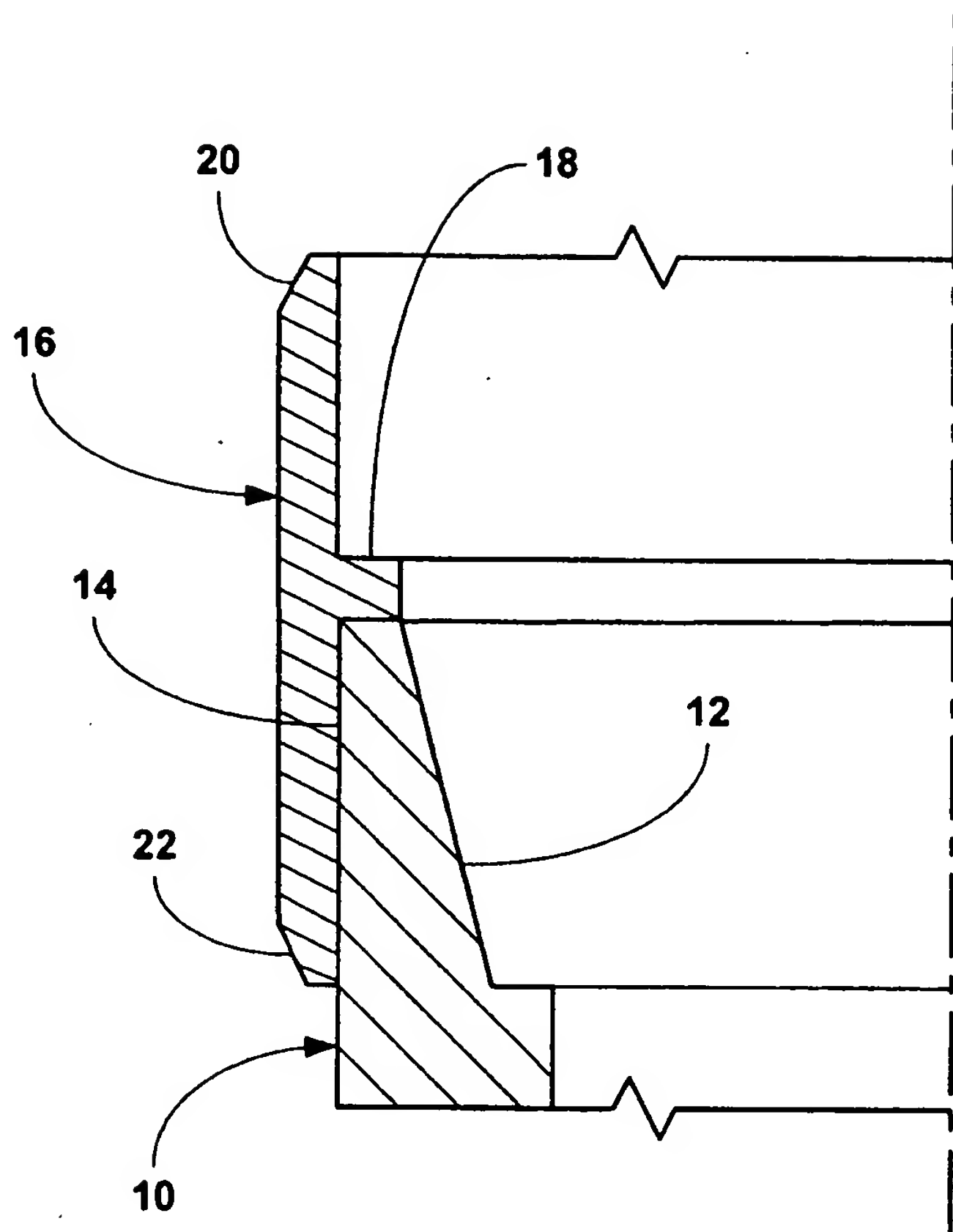
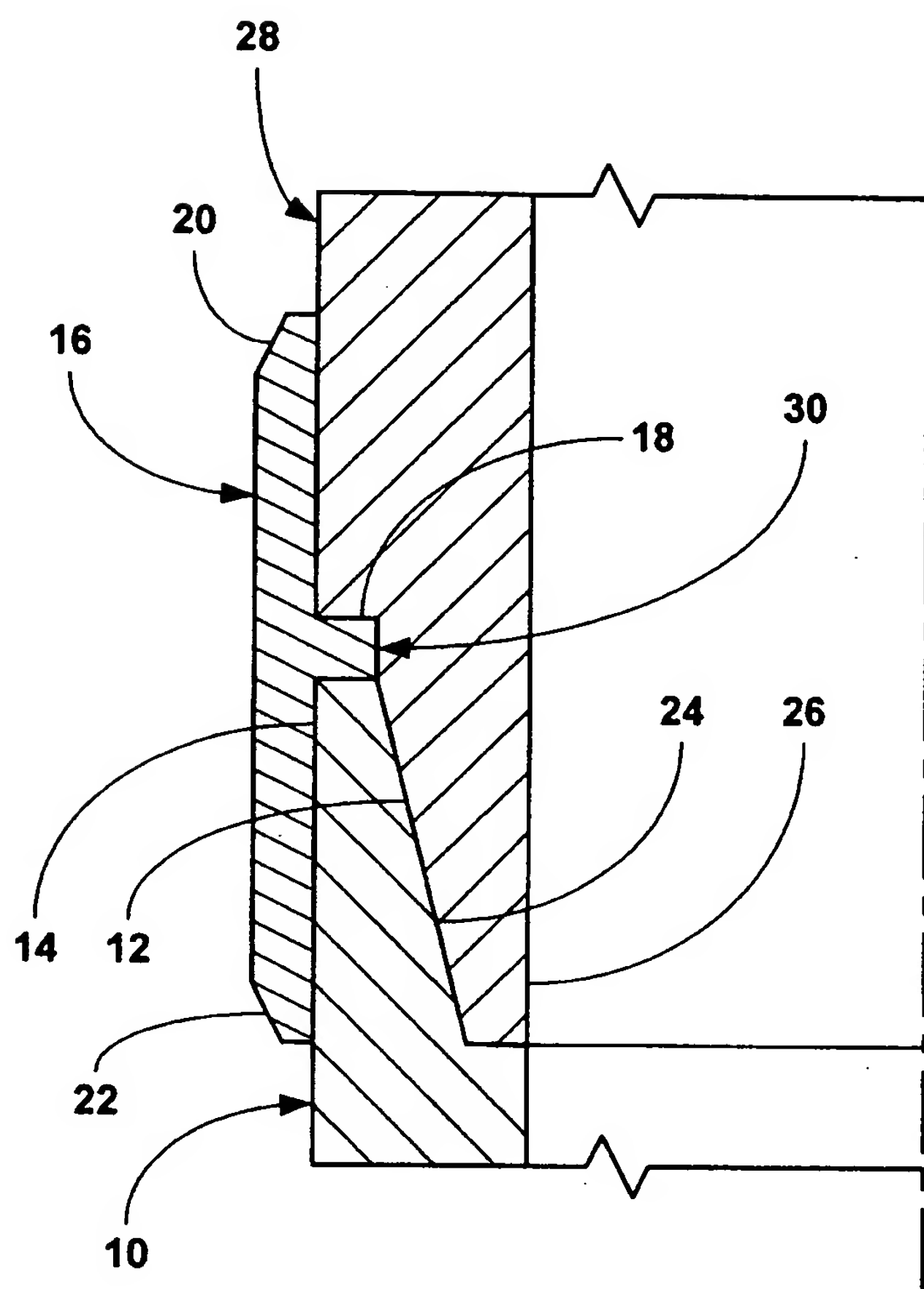


Fig. 1b



**Fig. 1c**

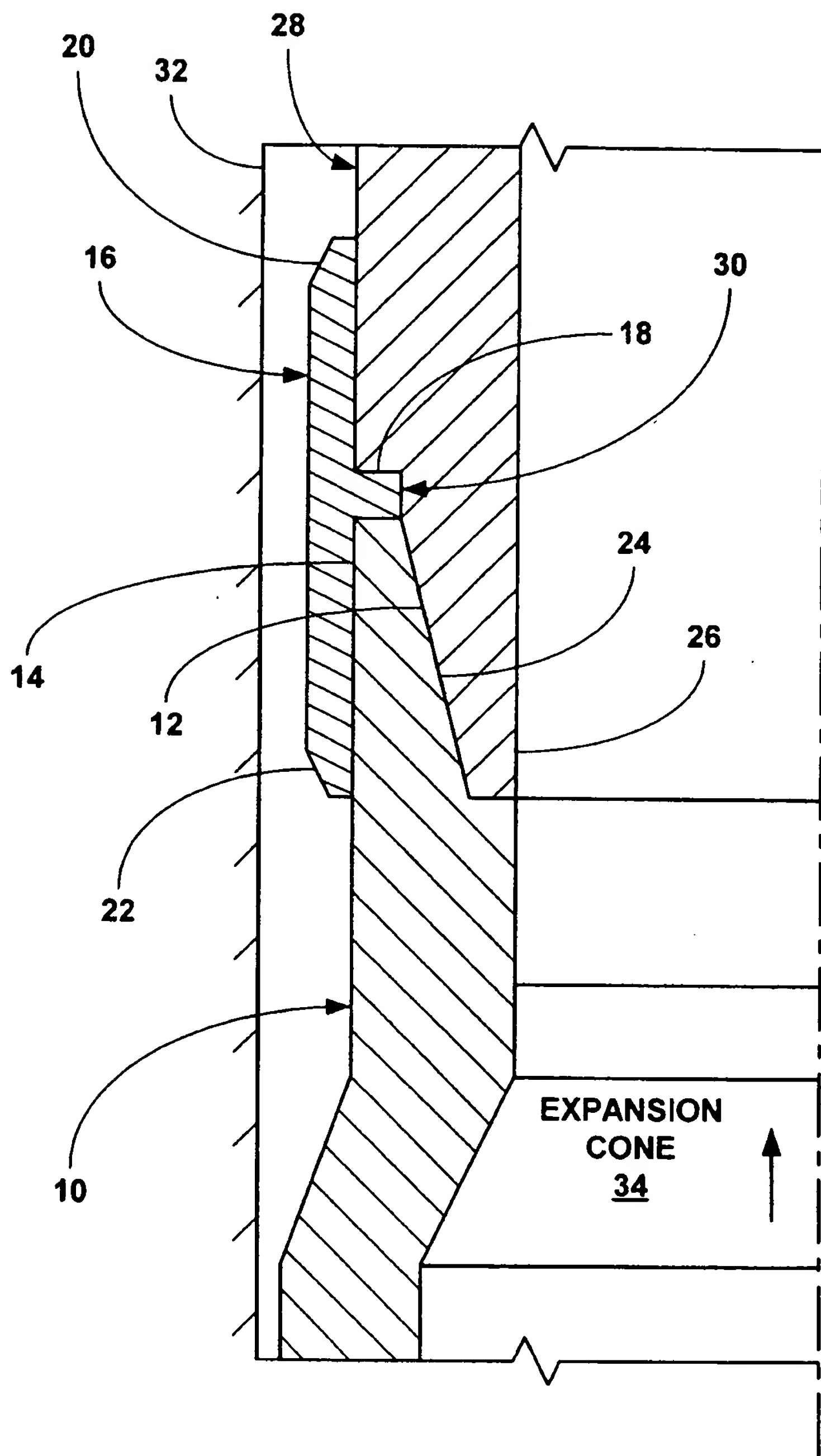


Fig. 1d

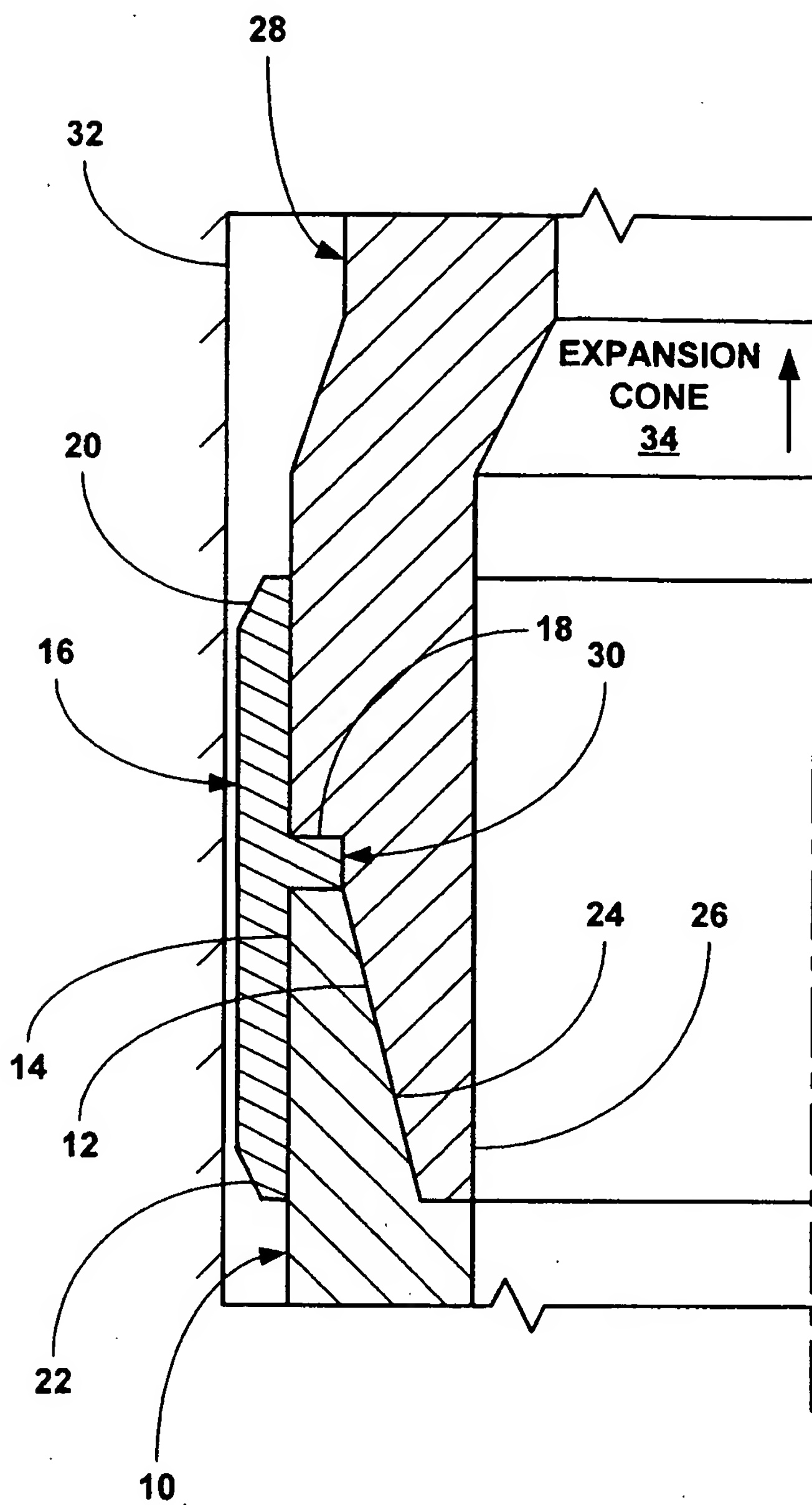


Fig. 1e

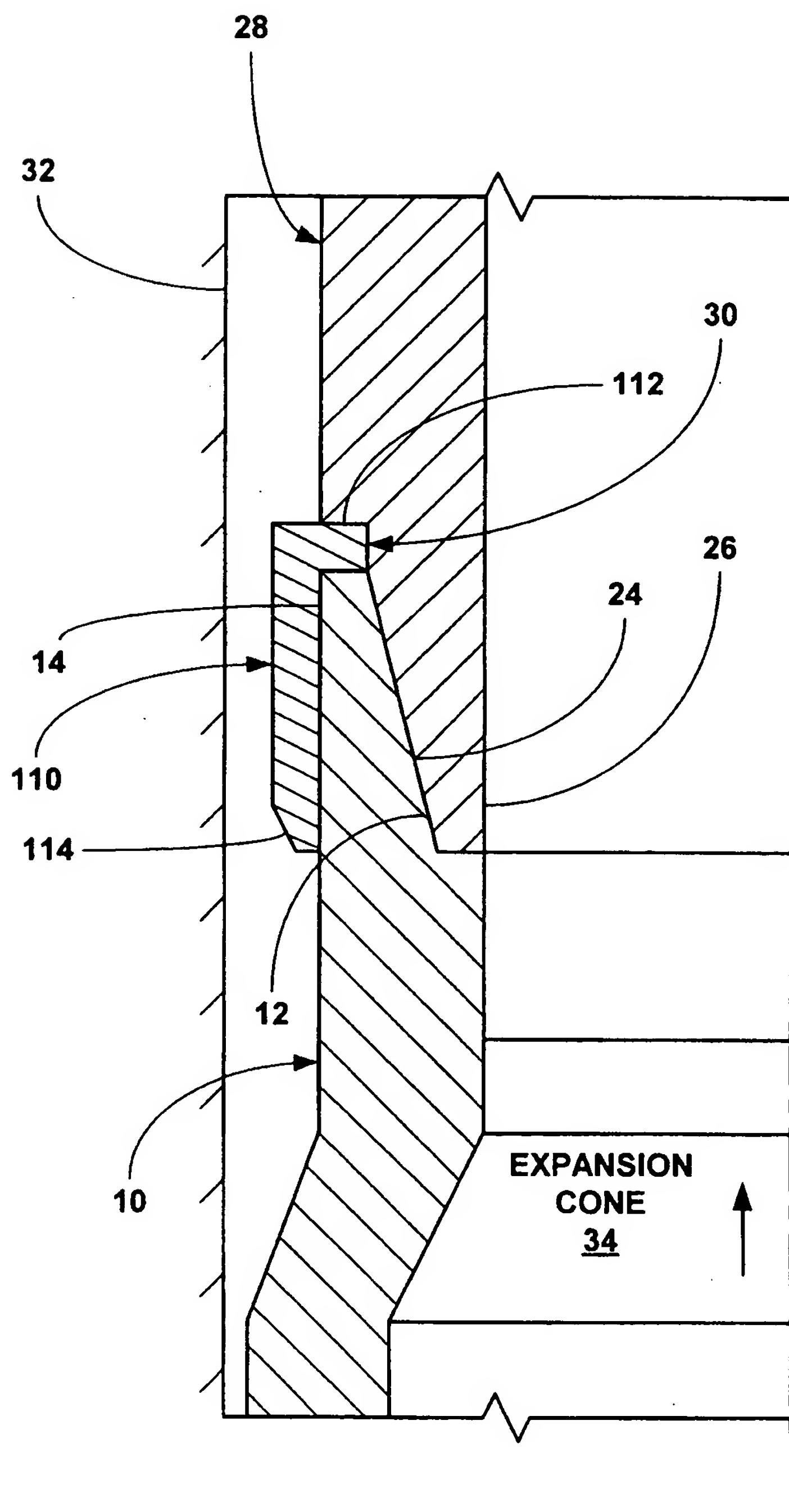


Fig. 2a

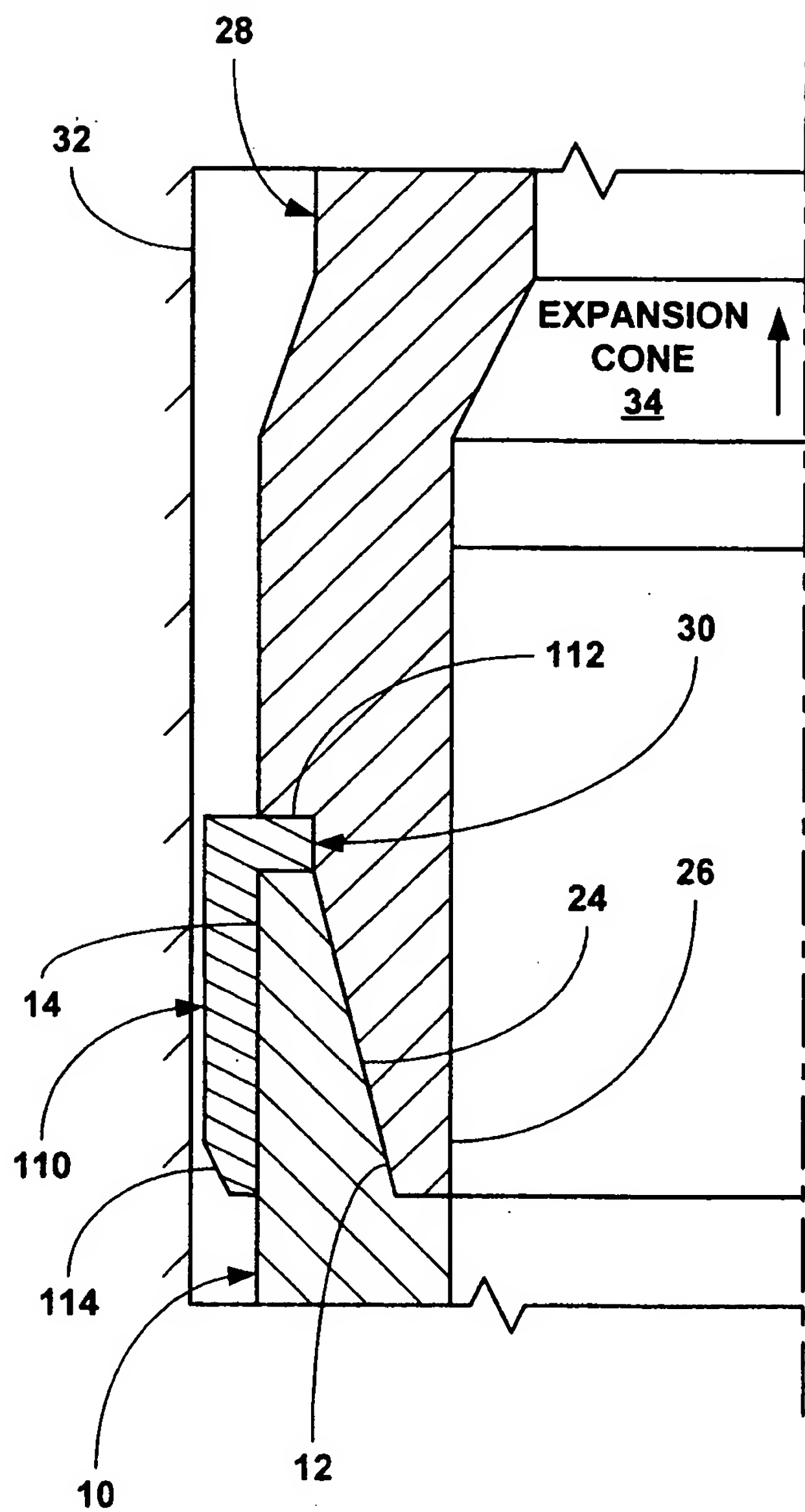


Fig. 2b

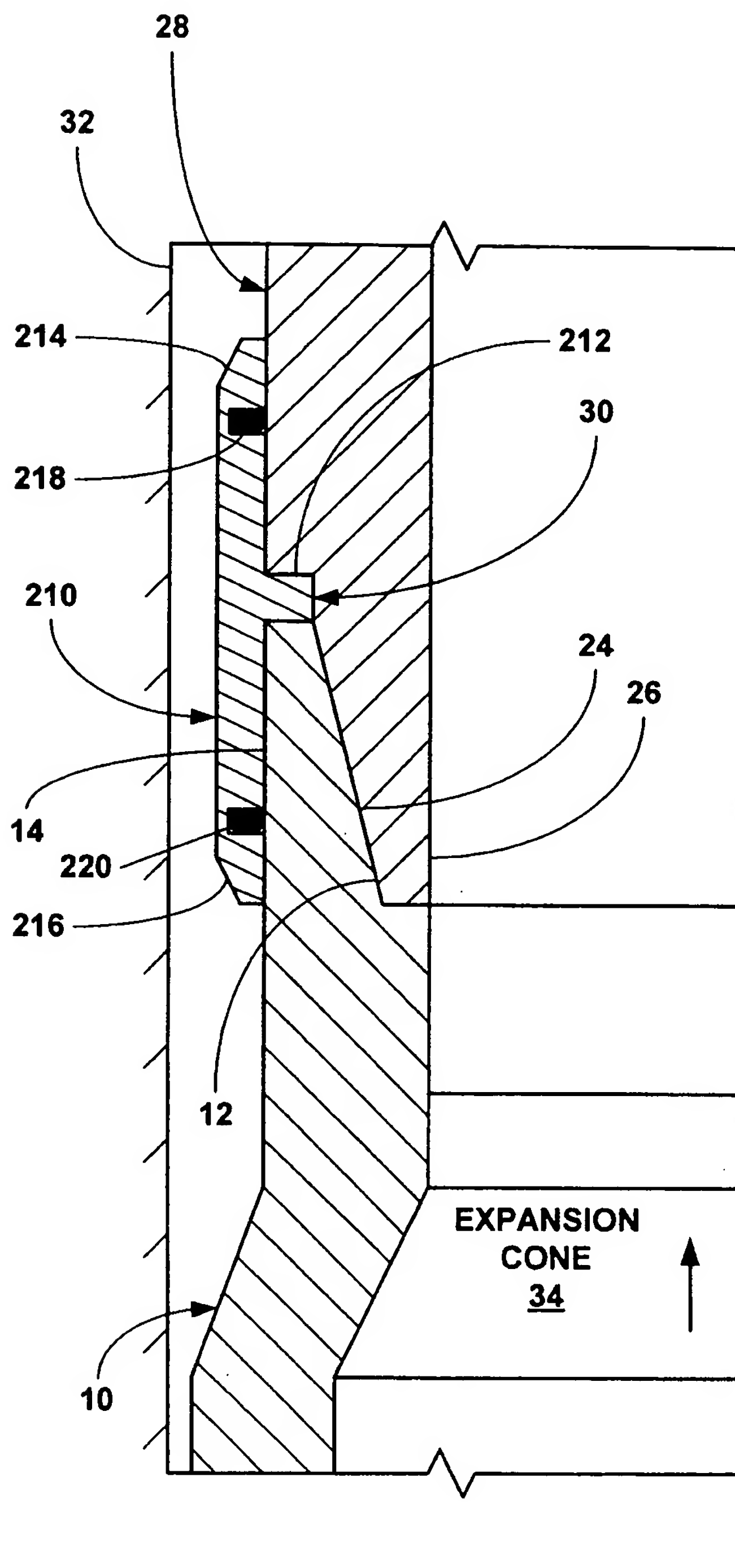


Fig. 3a



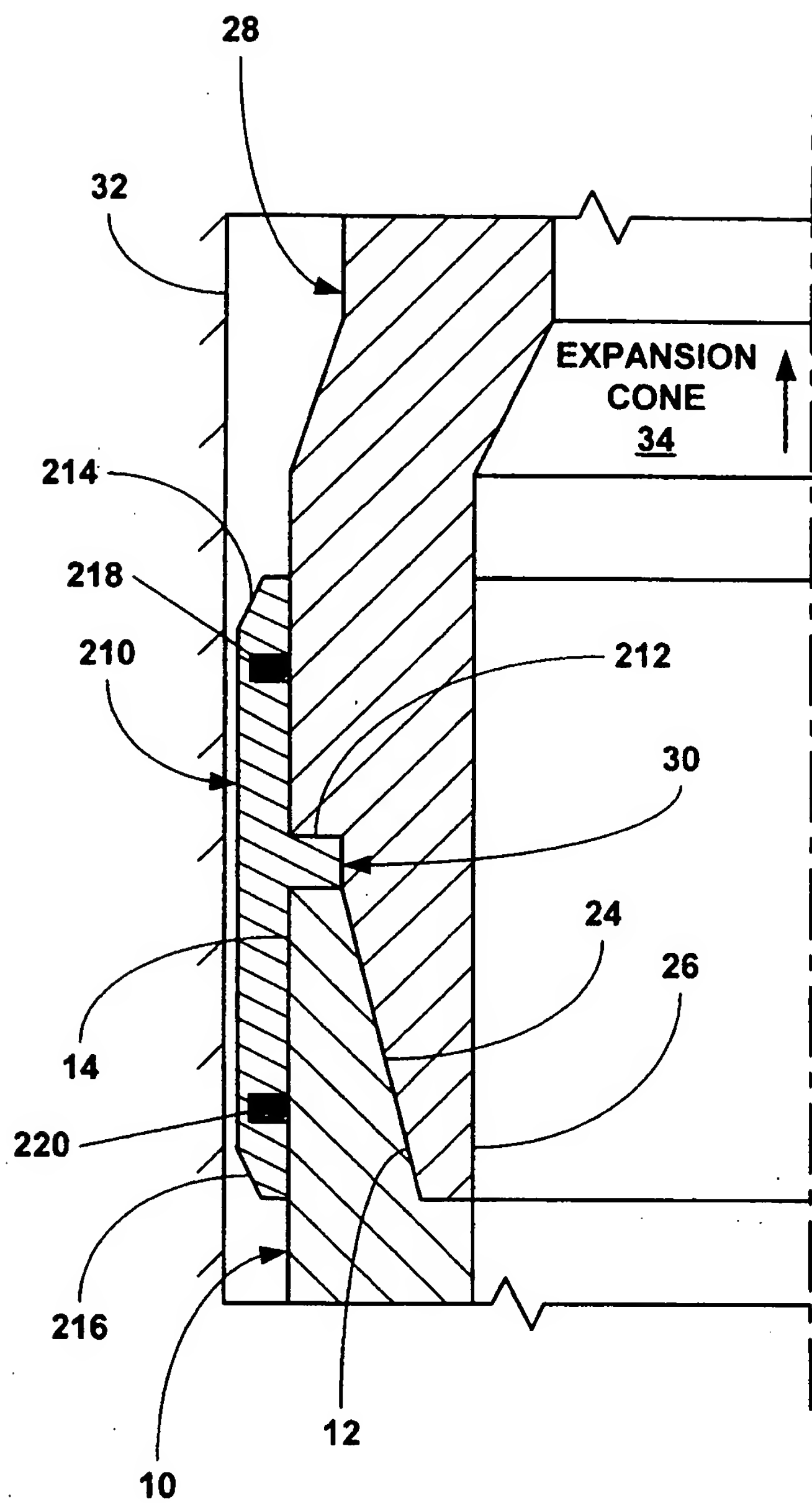


Fig. 3b



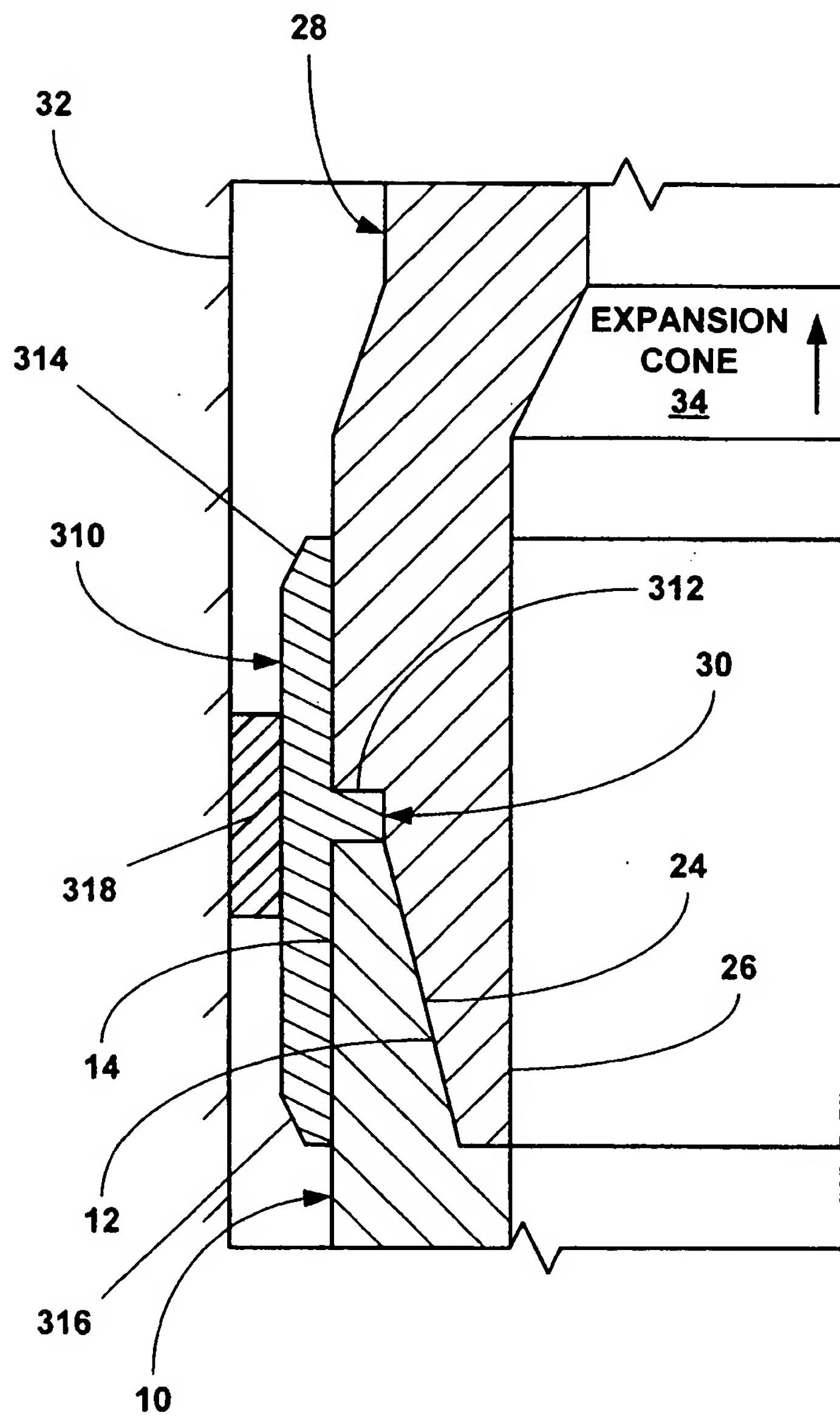


Fig. 4b

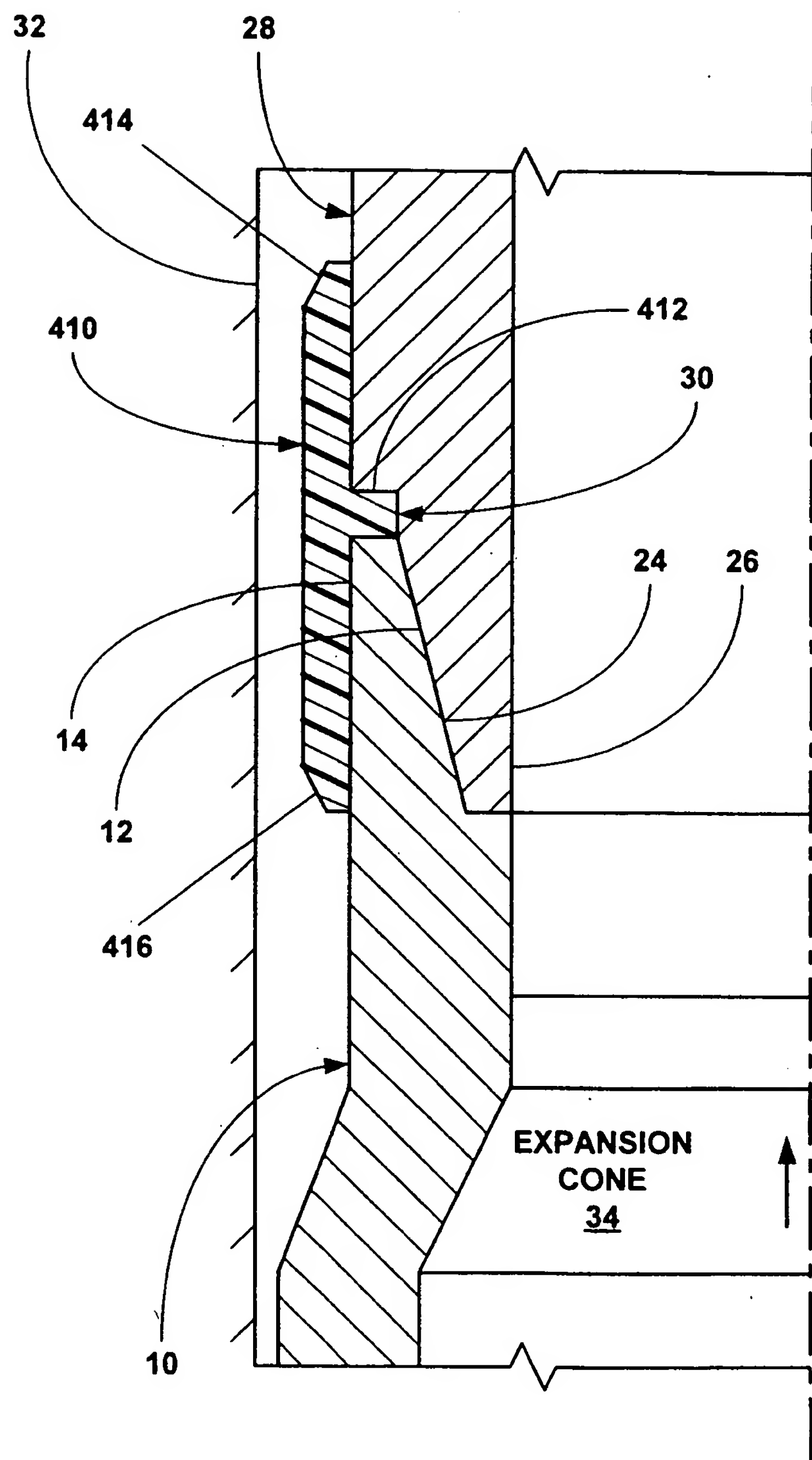


Fig. 5a

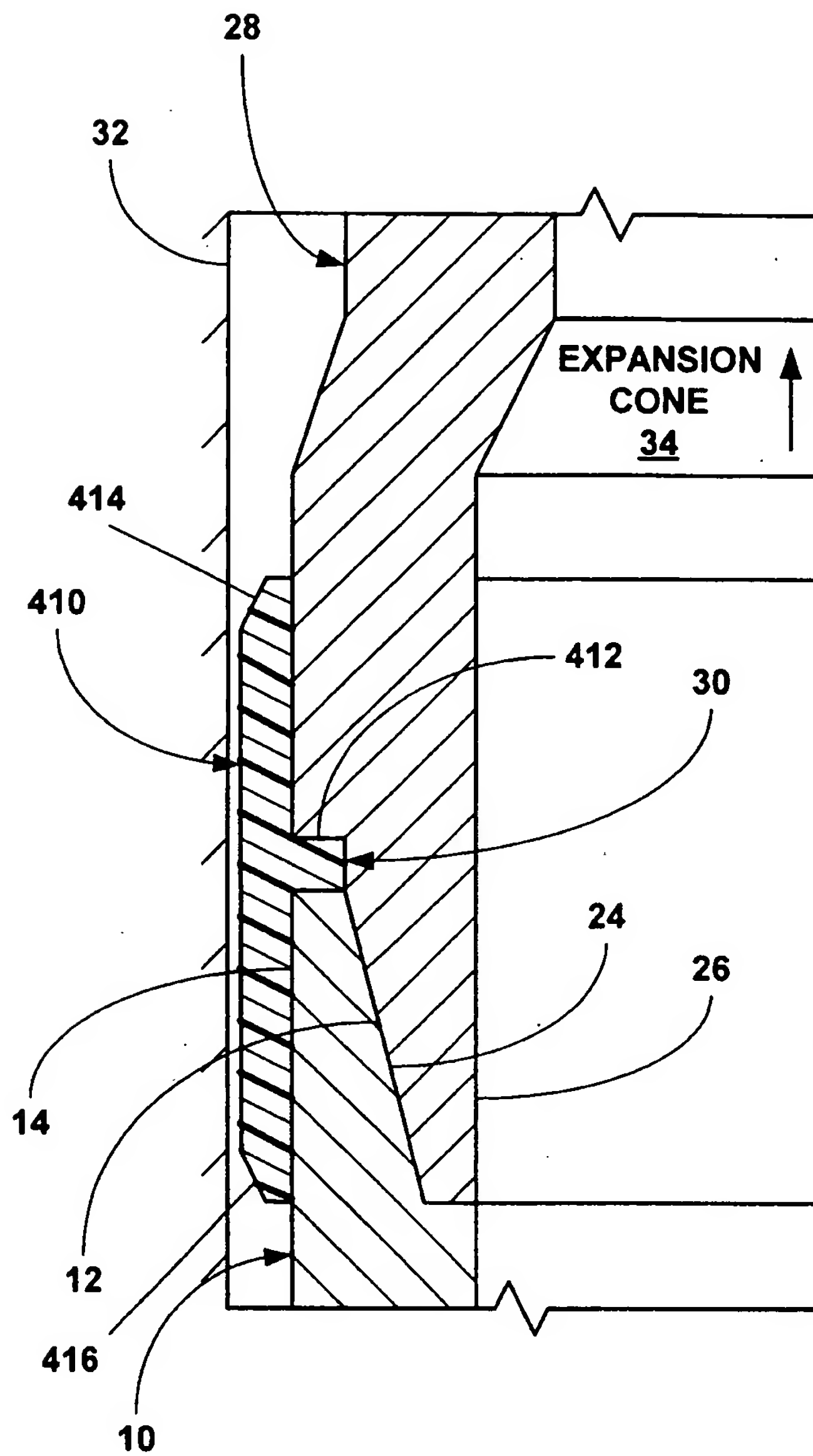


Fig. 5b

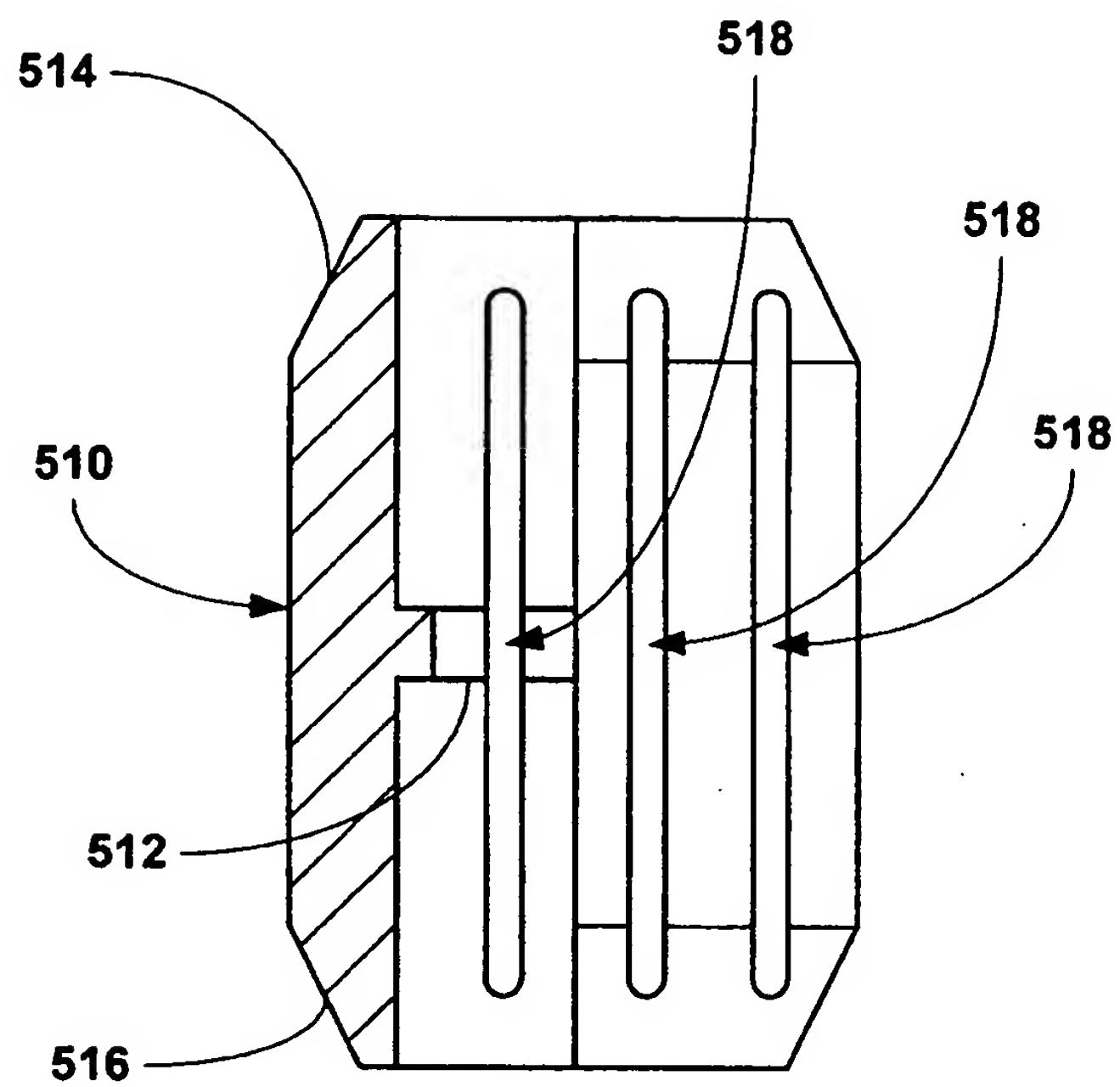


Fig. 6a

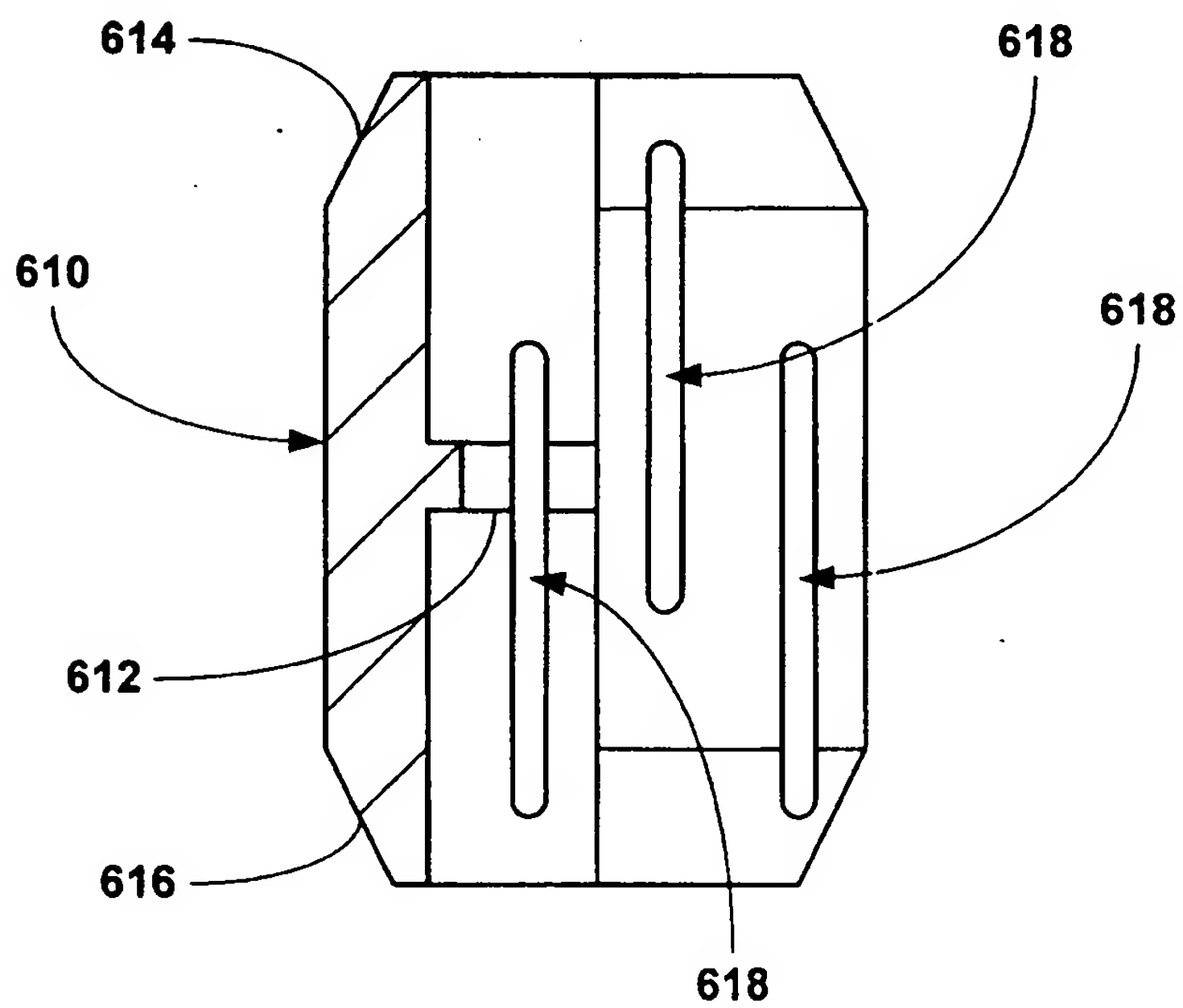


Fig. 6b

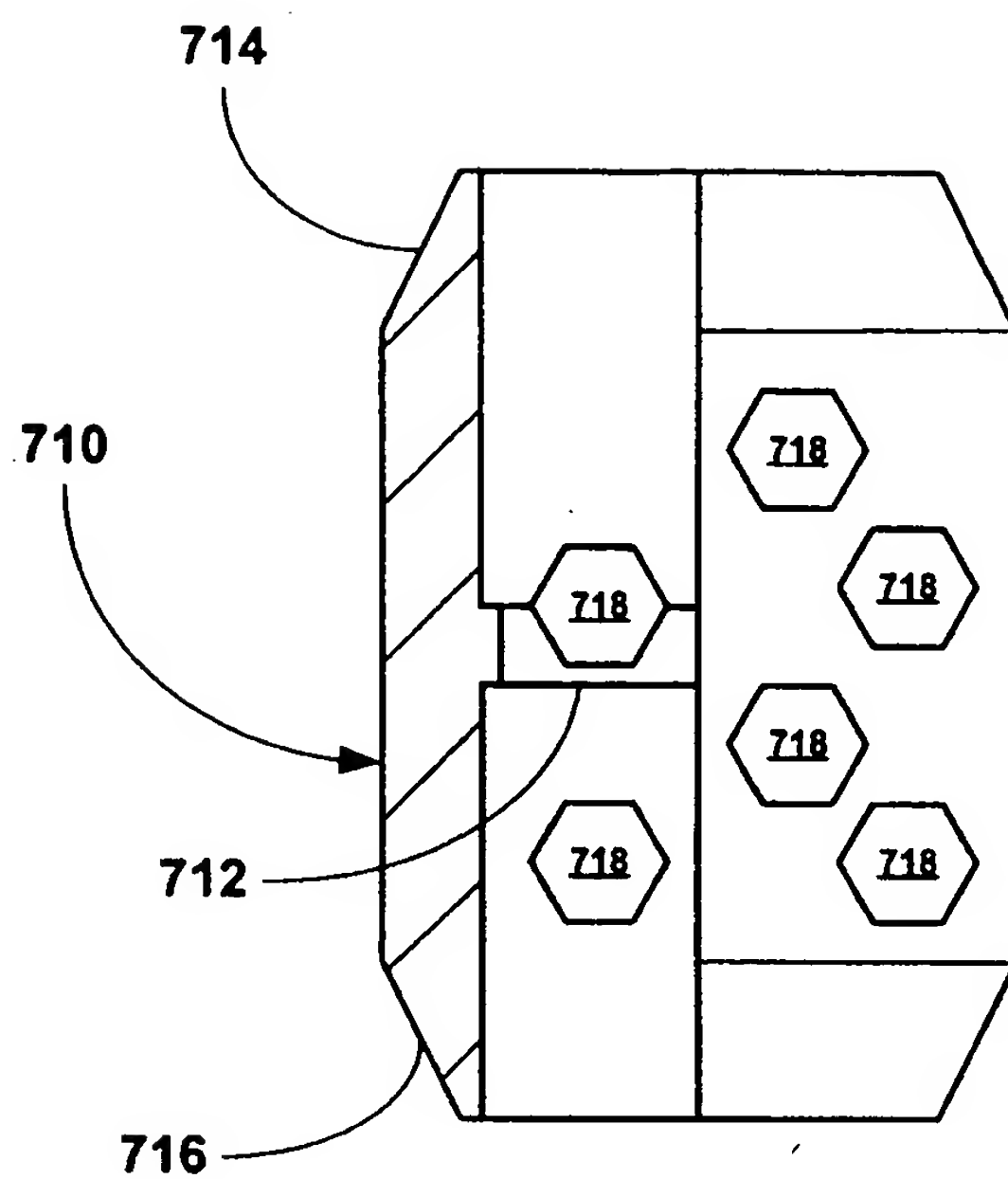


Fig. 6c

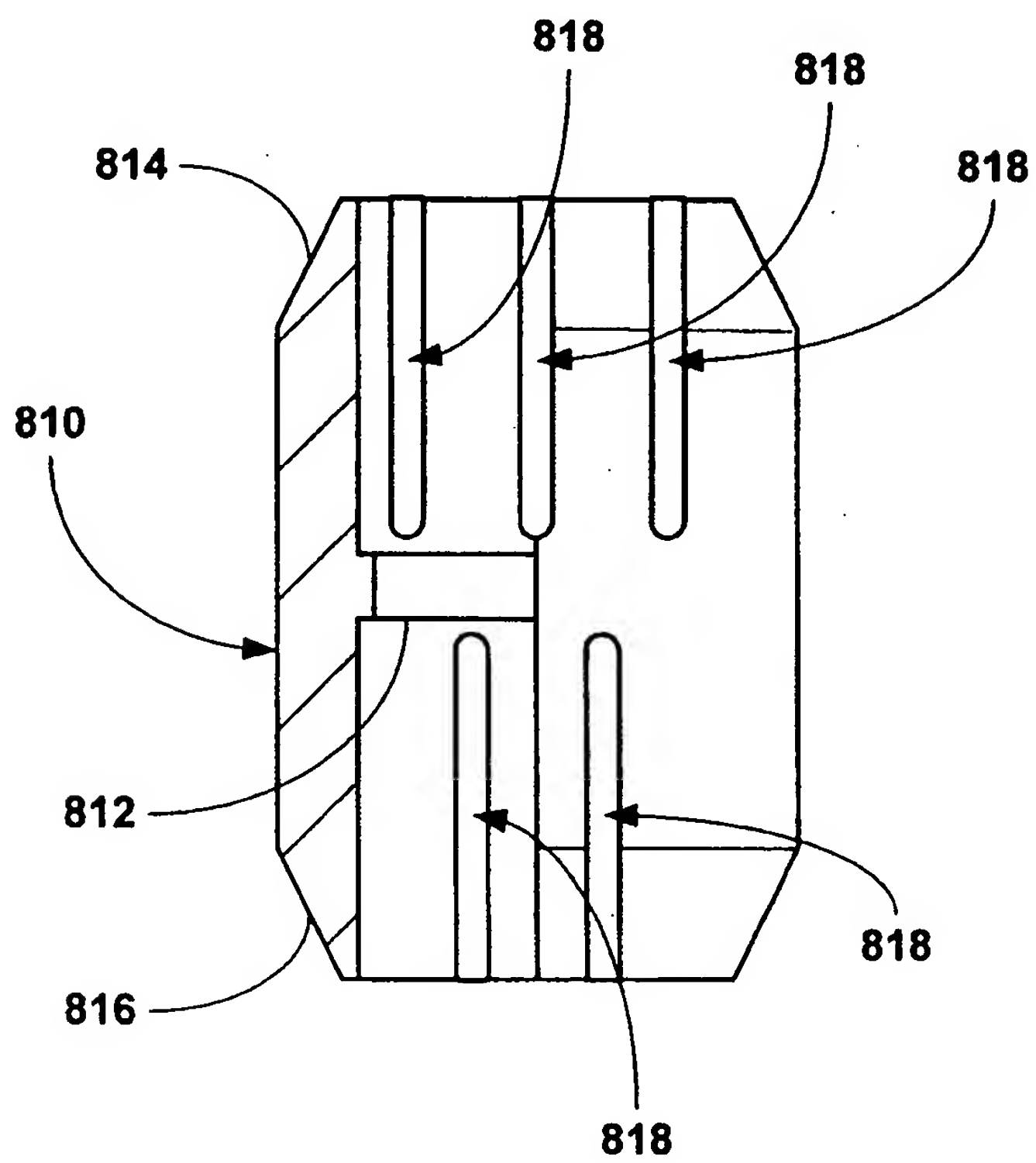


Fig. 6d

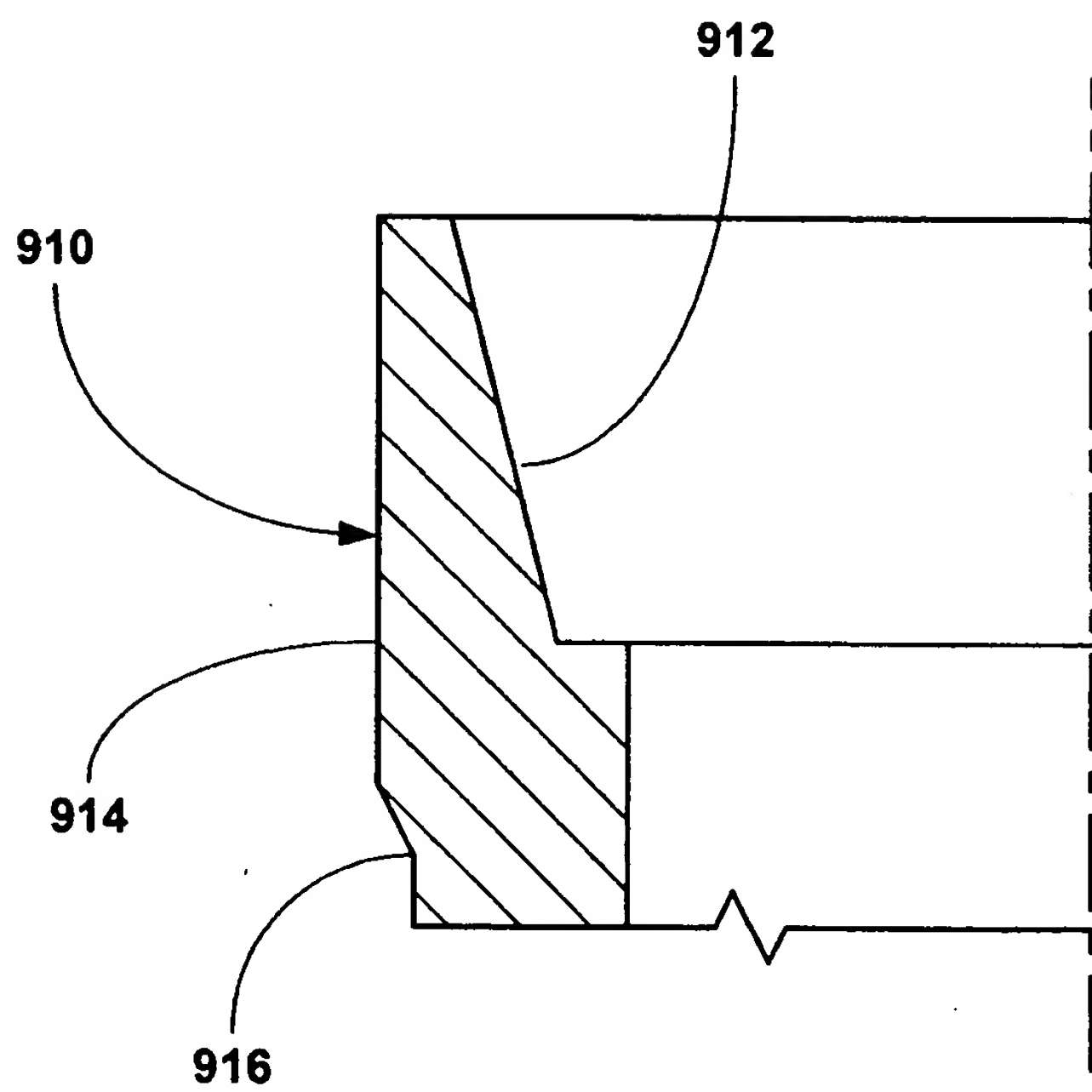


Fig. 7a



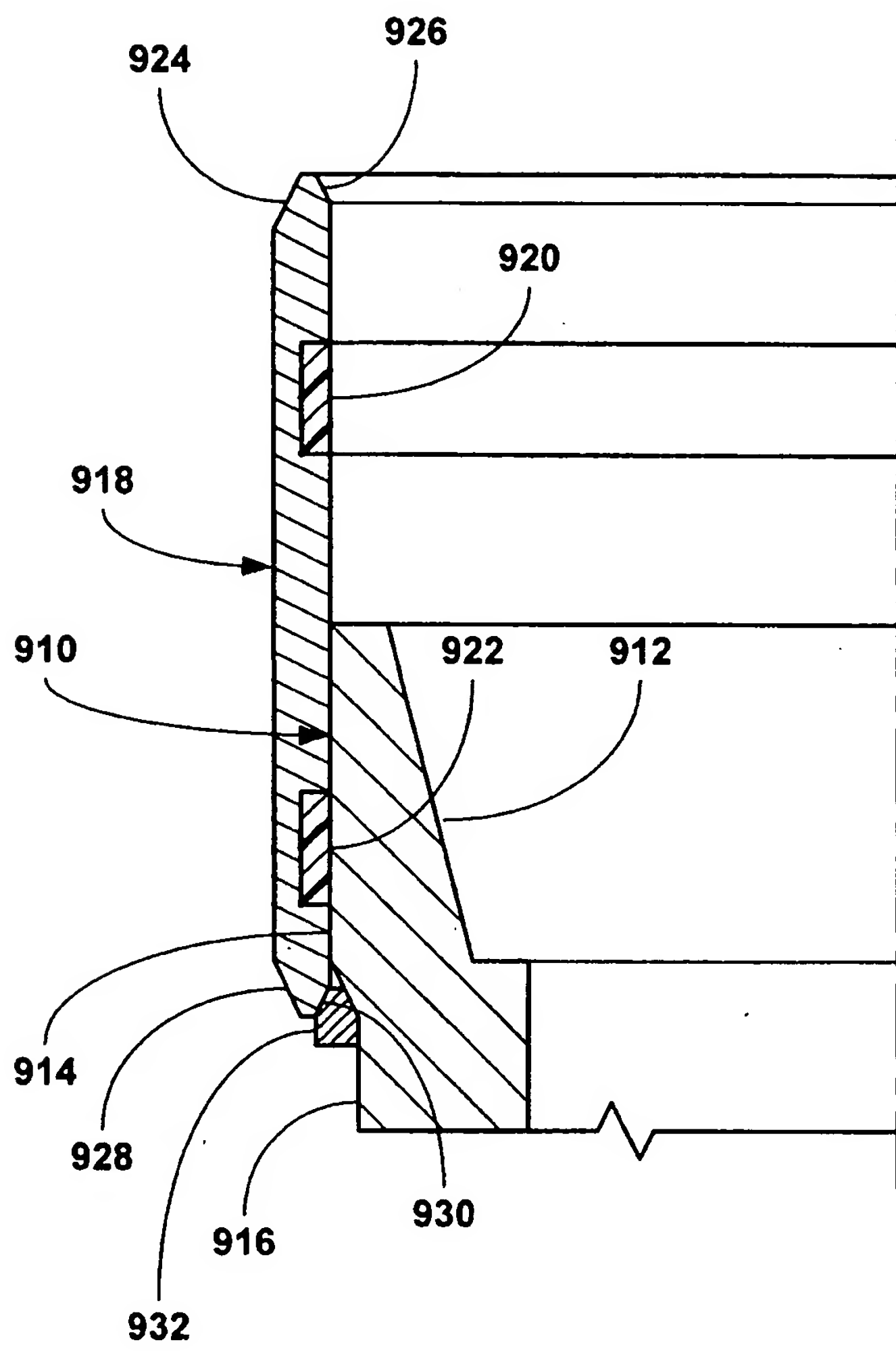


Fig. 7b

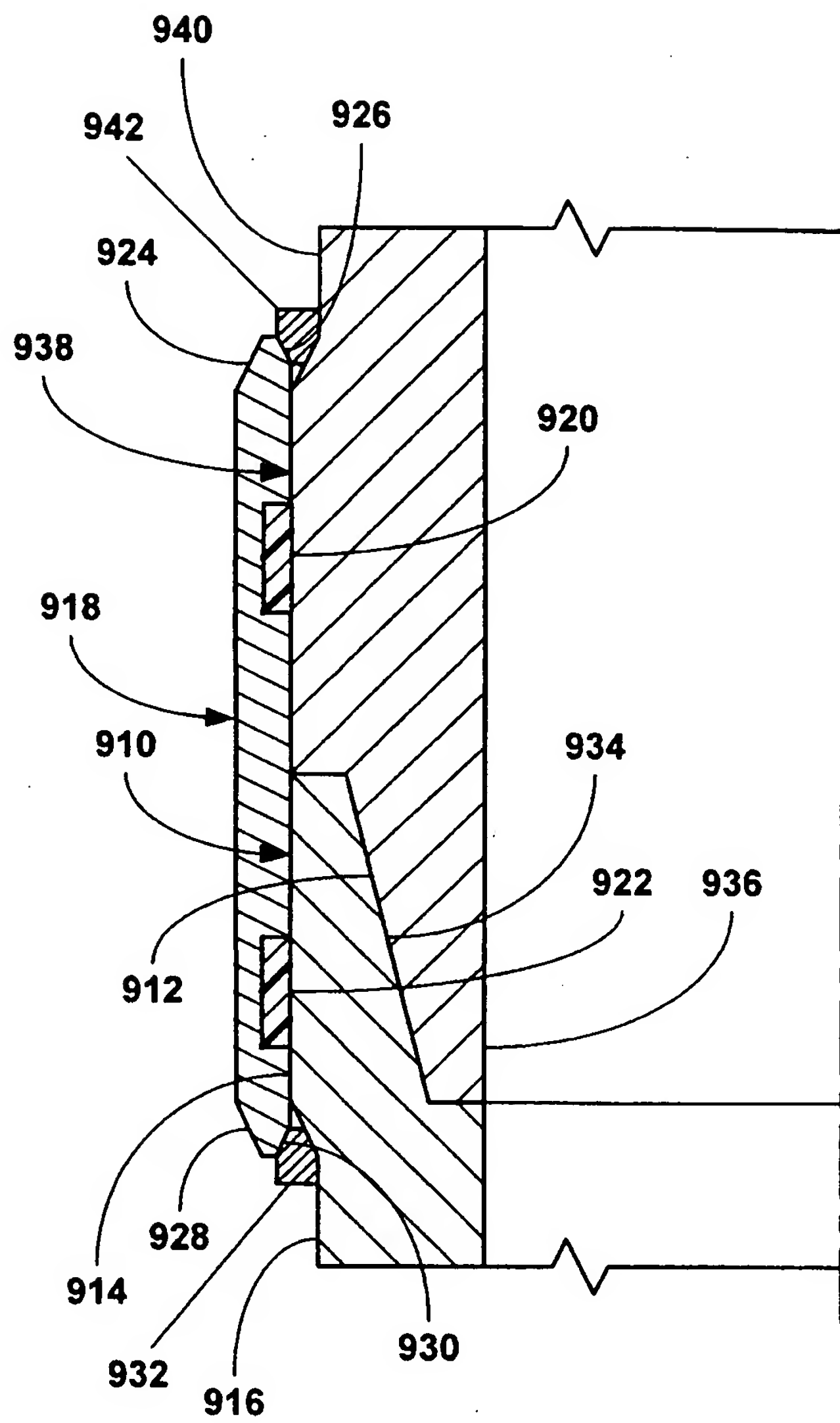


Fig. 7c

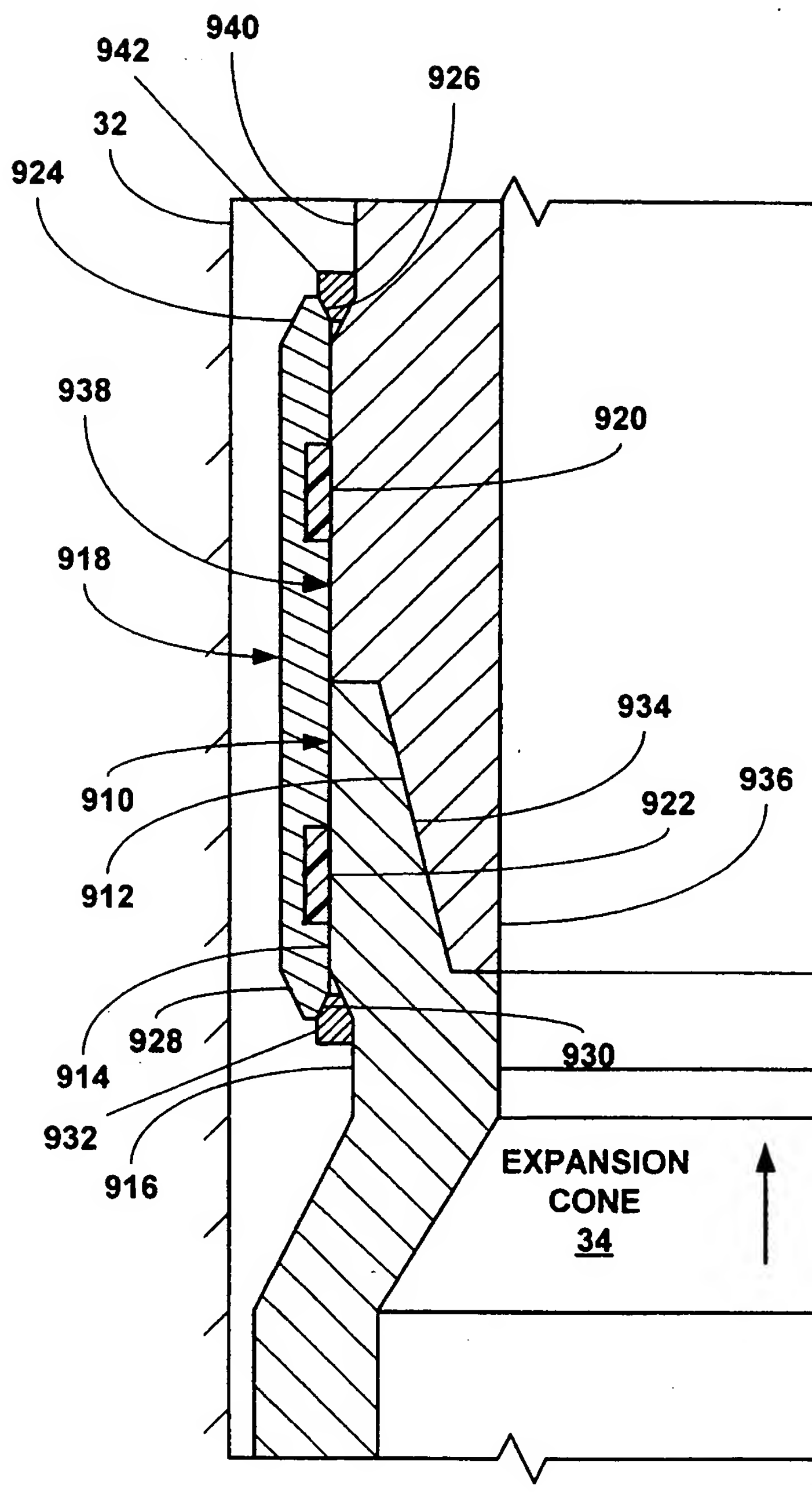


Fig. 7d

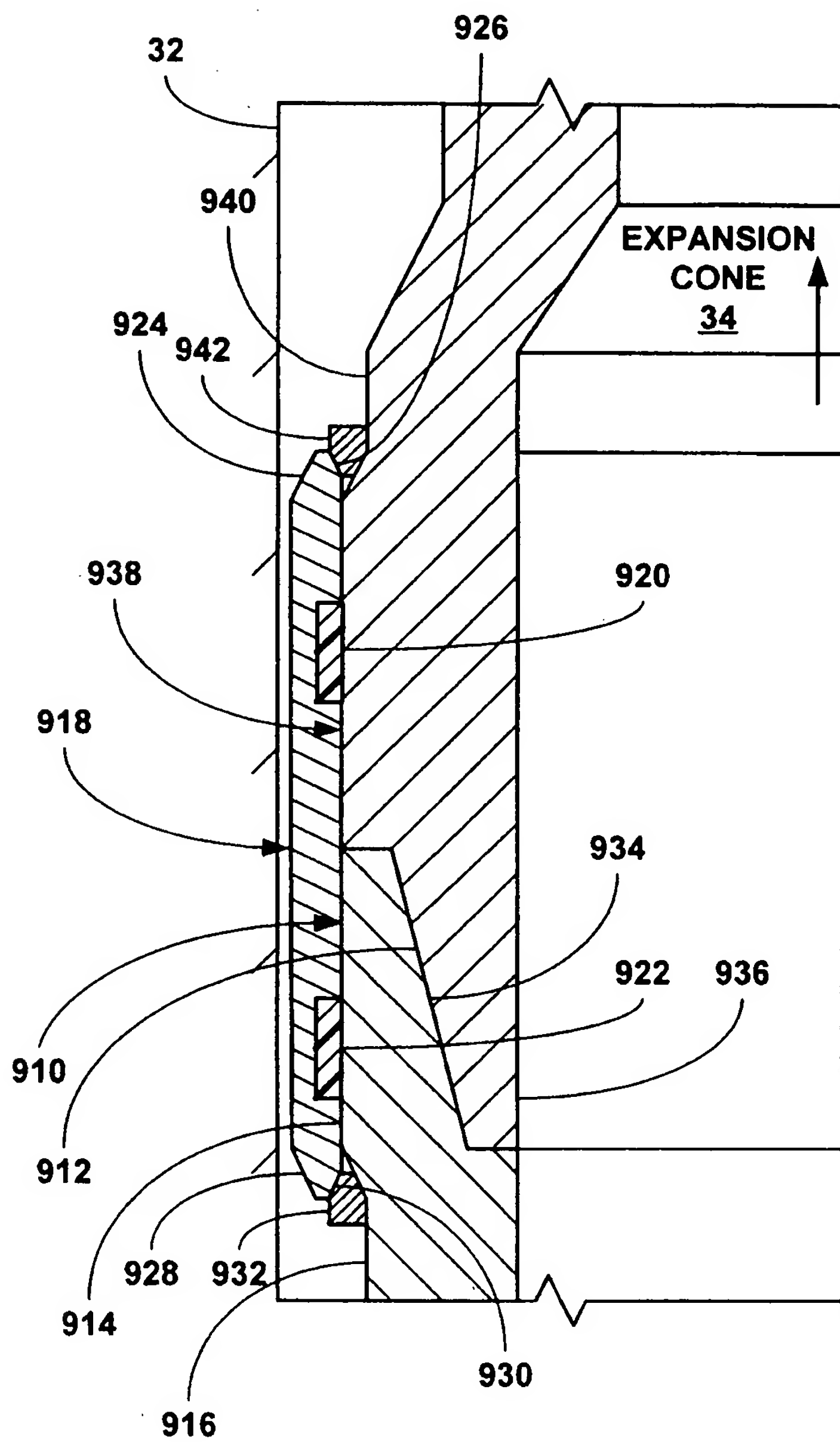
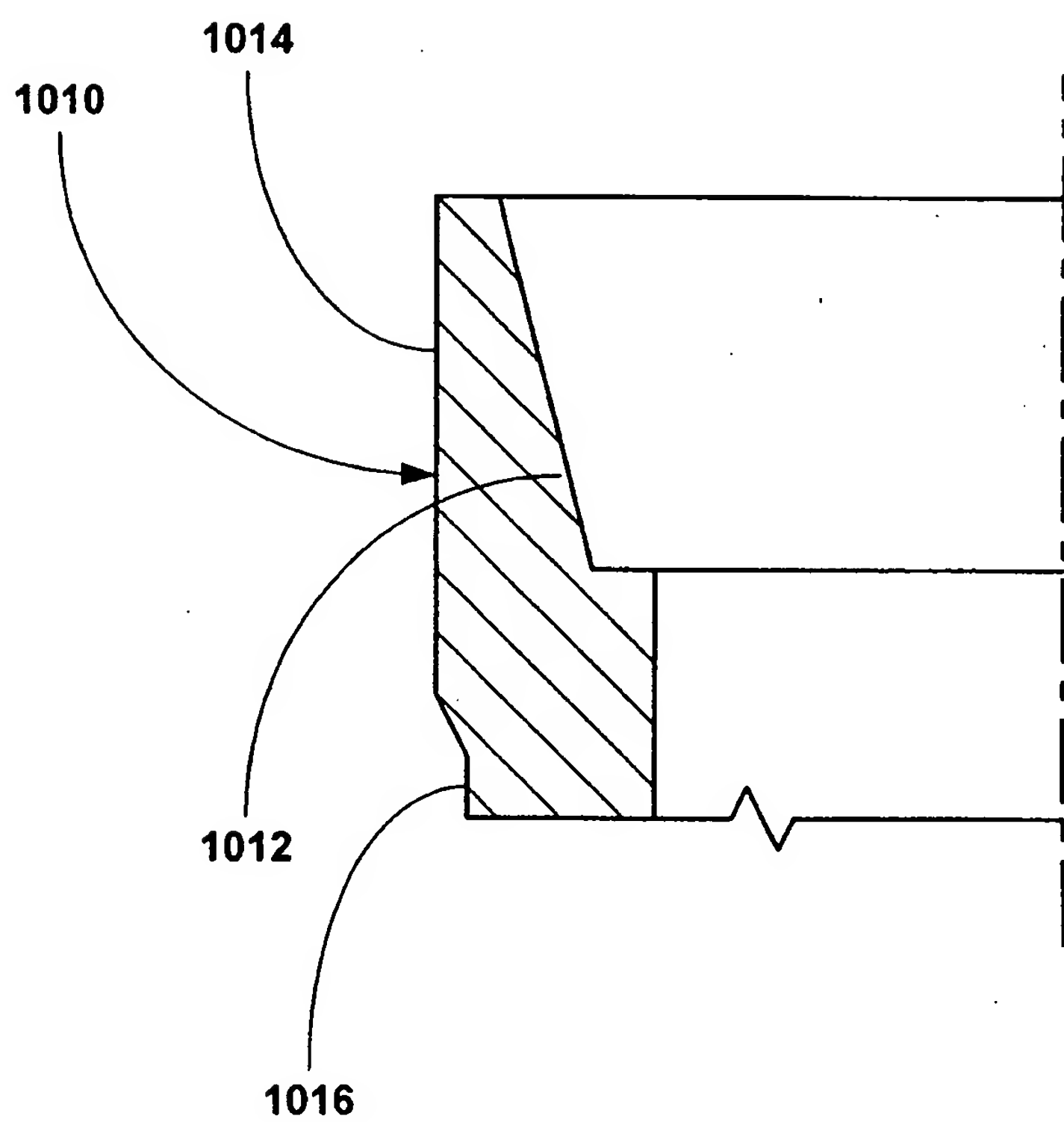


Fig. 7e



**Fig. 8a**

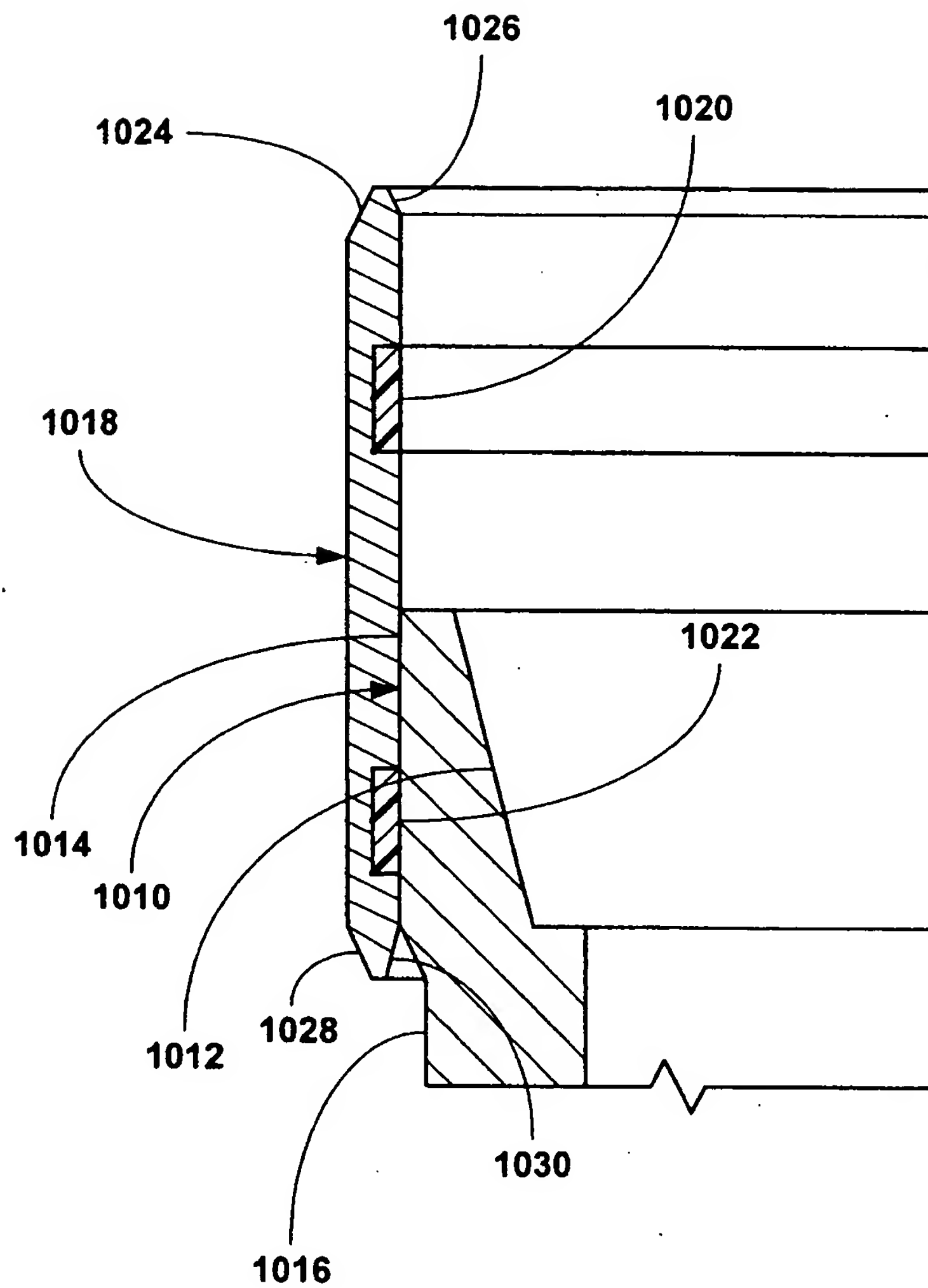


Fig. 8b



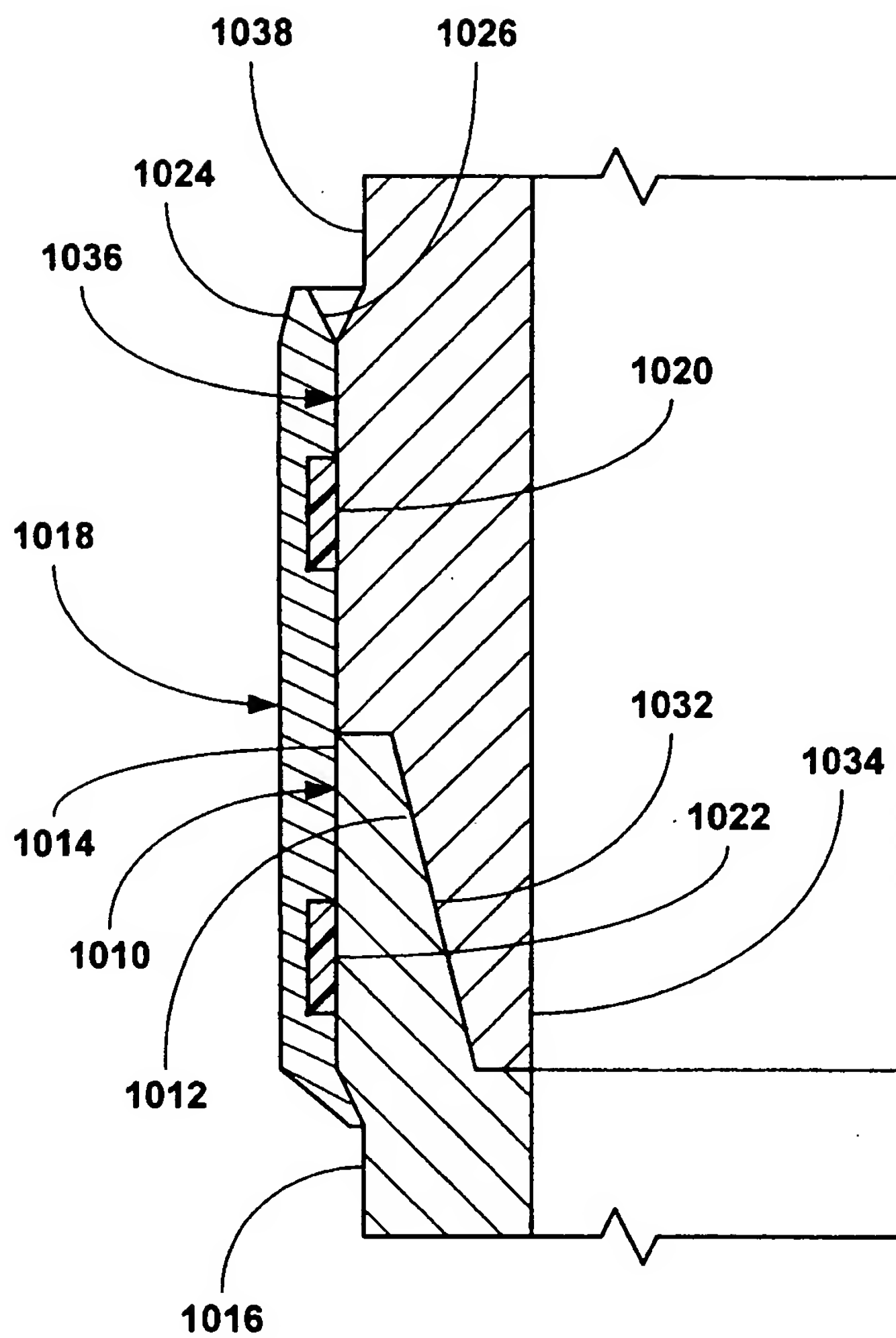


Fig. 8d



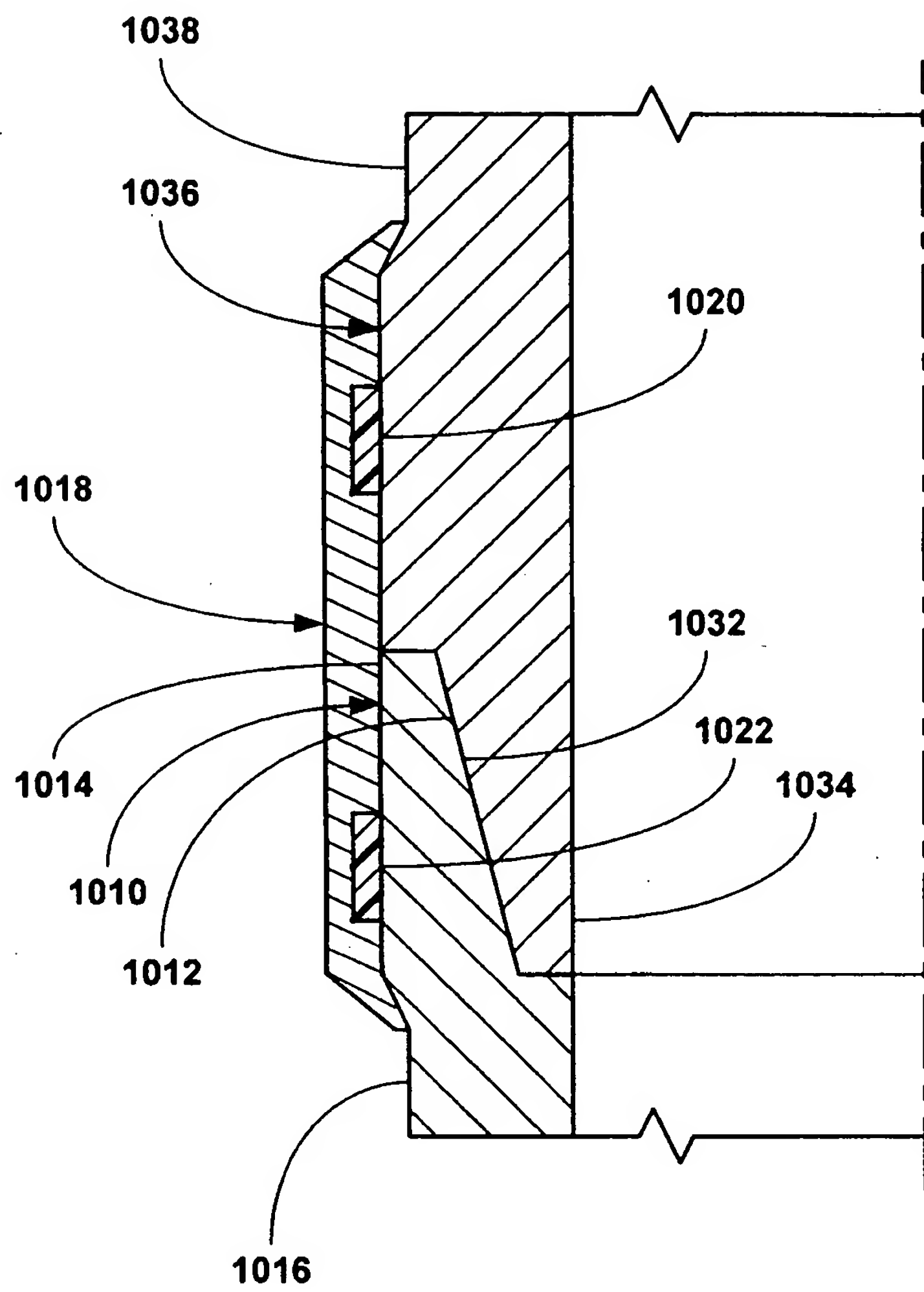


Fig. 8e

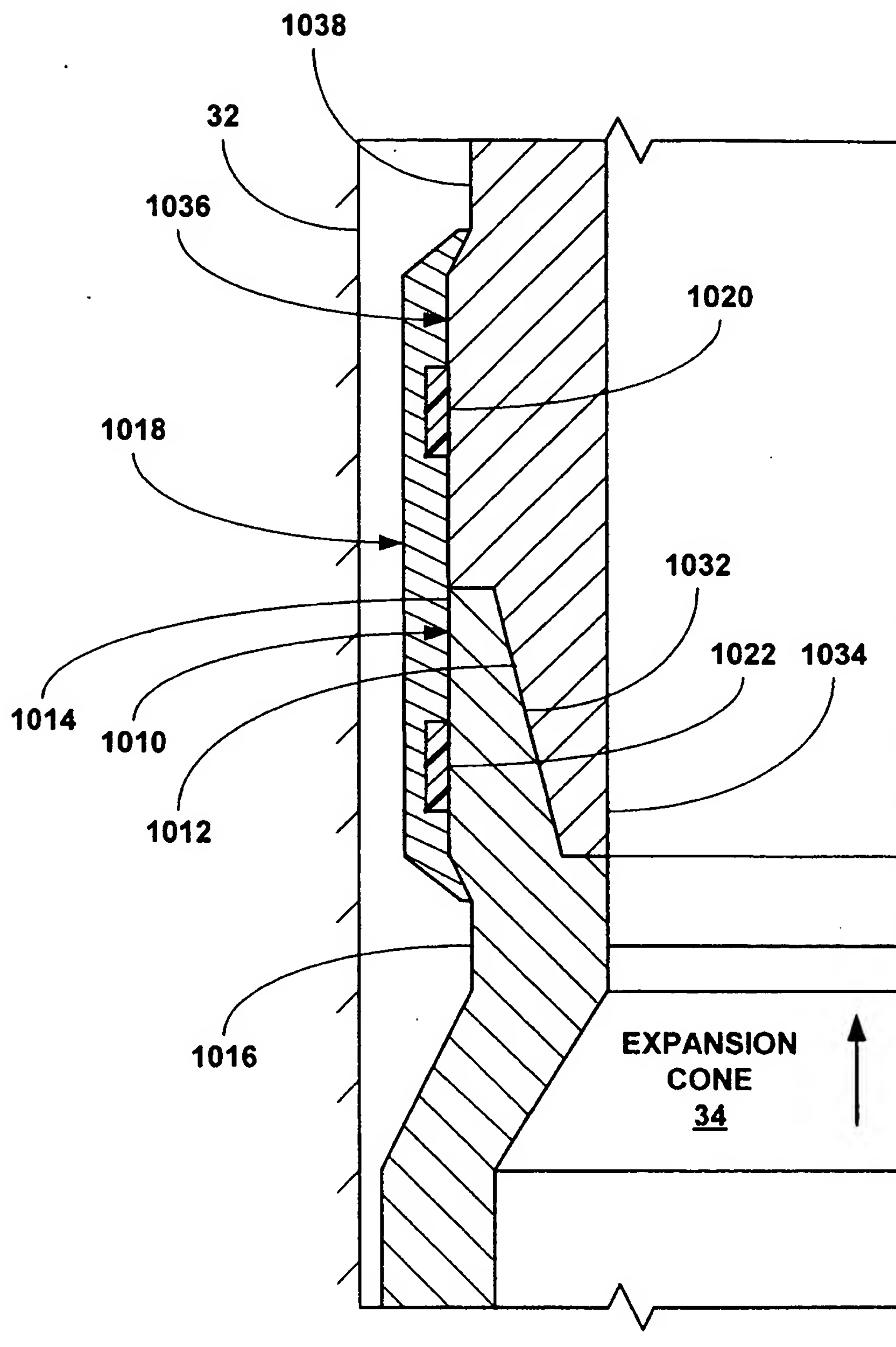


Fig. 8f

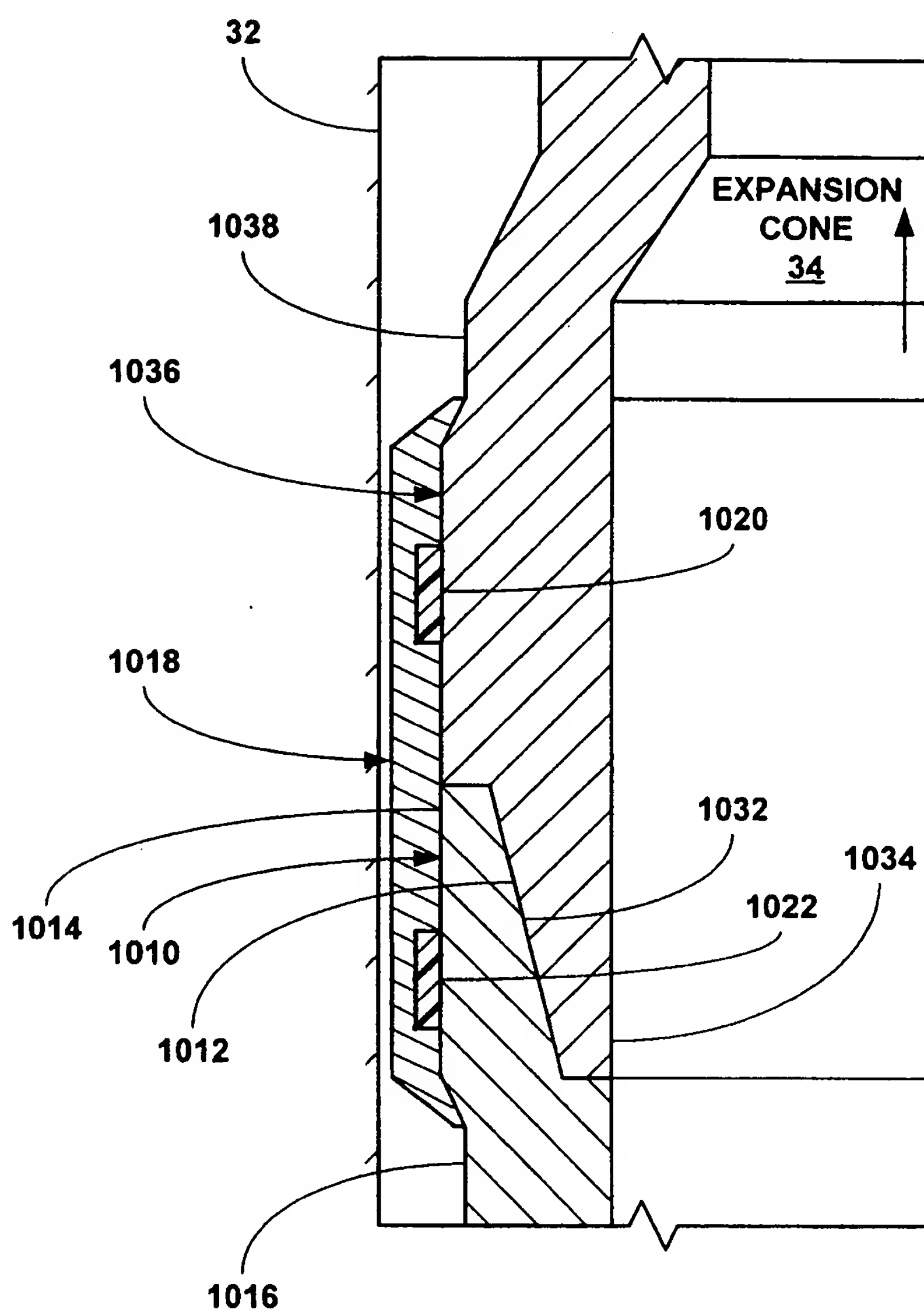
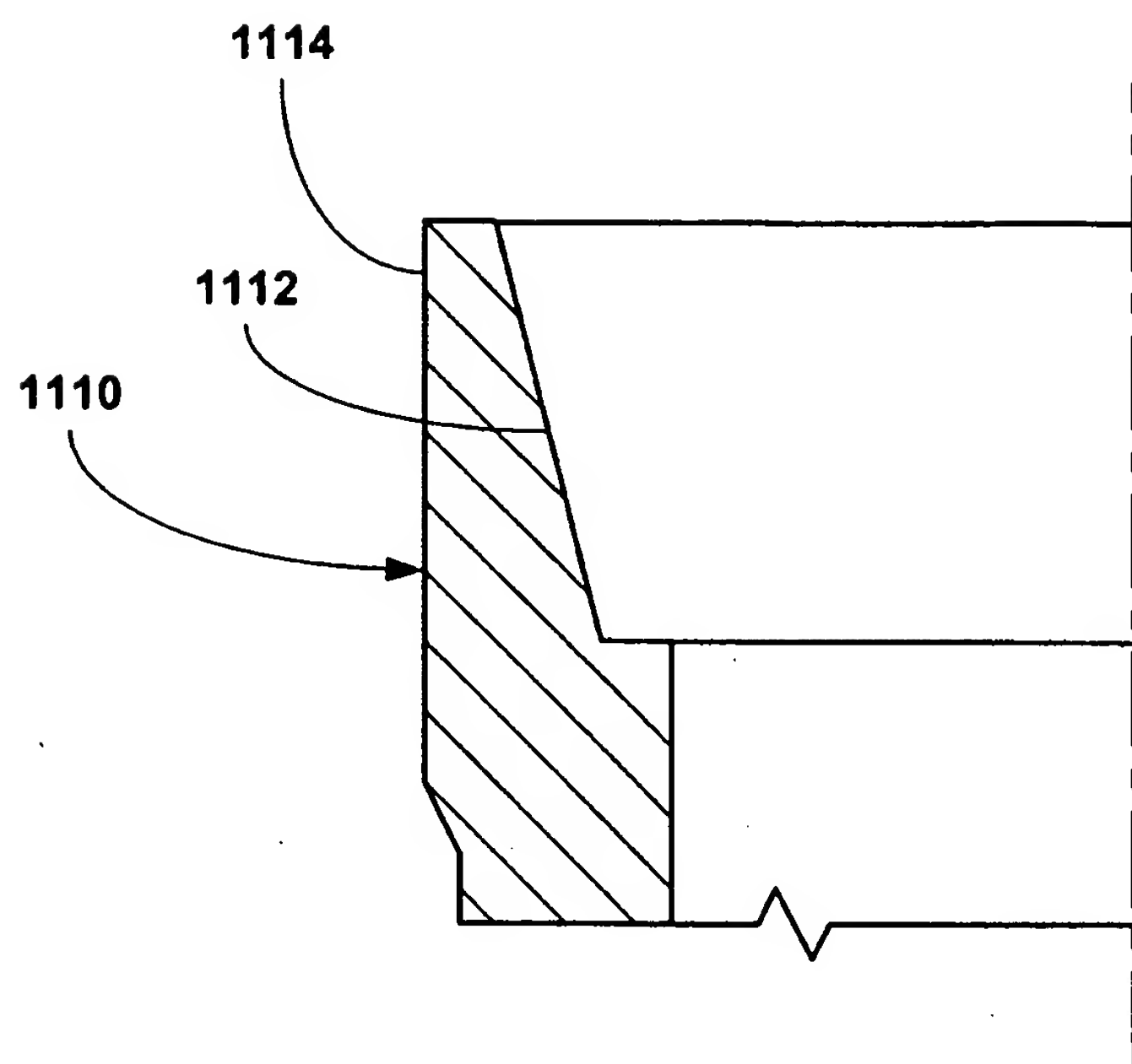


Fig. 8g



**Fig. 9a**

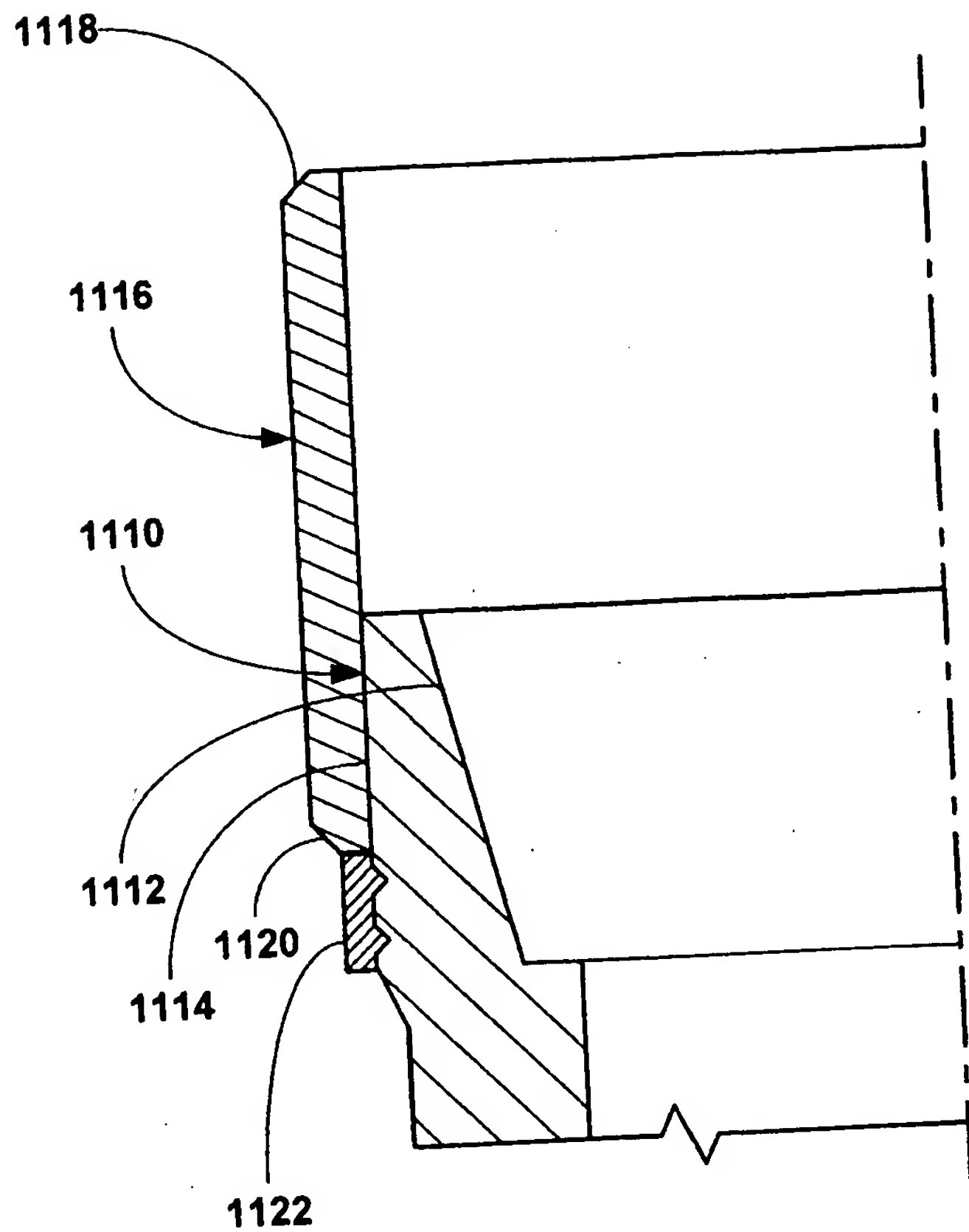
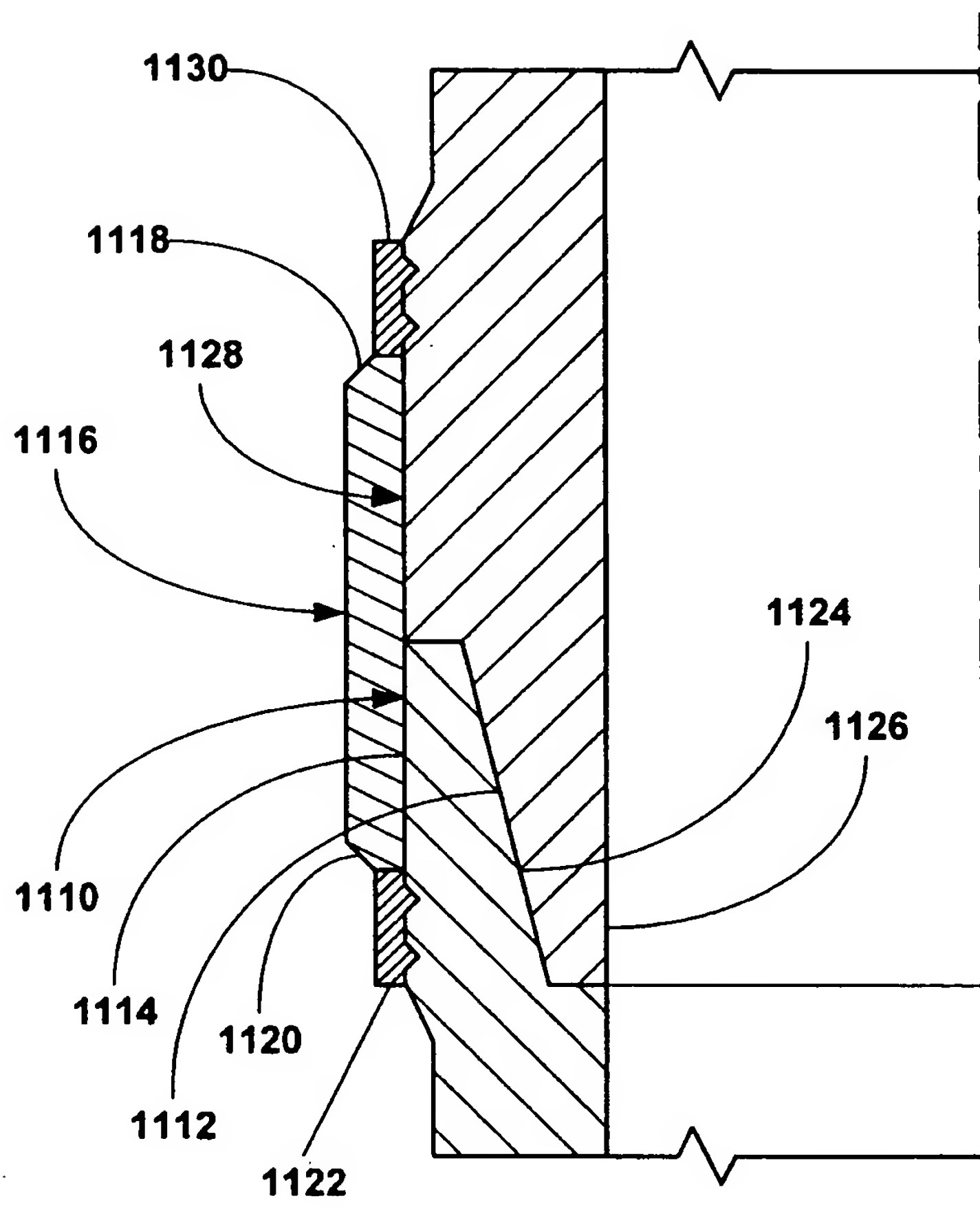


Fig. 9b



**Fig. 9c**

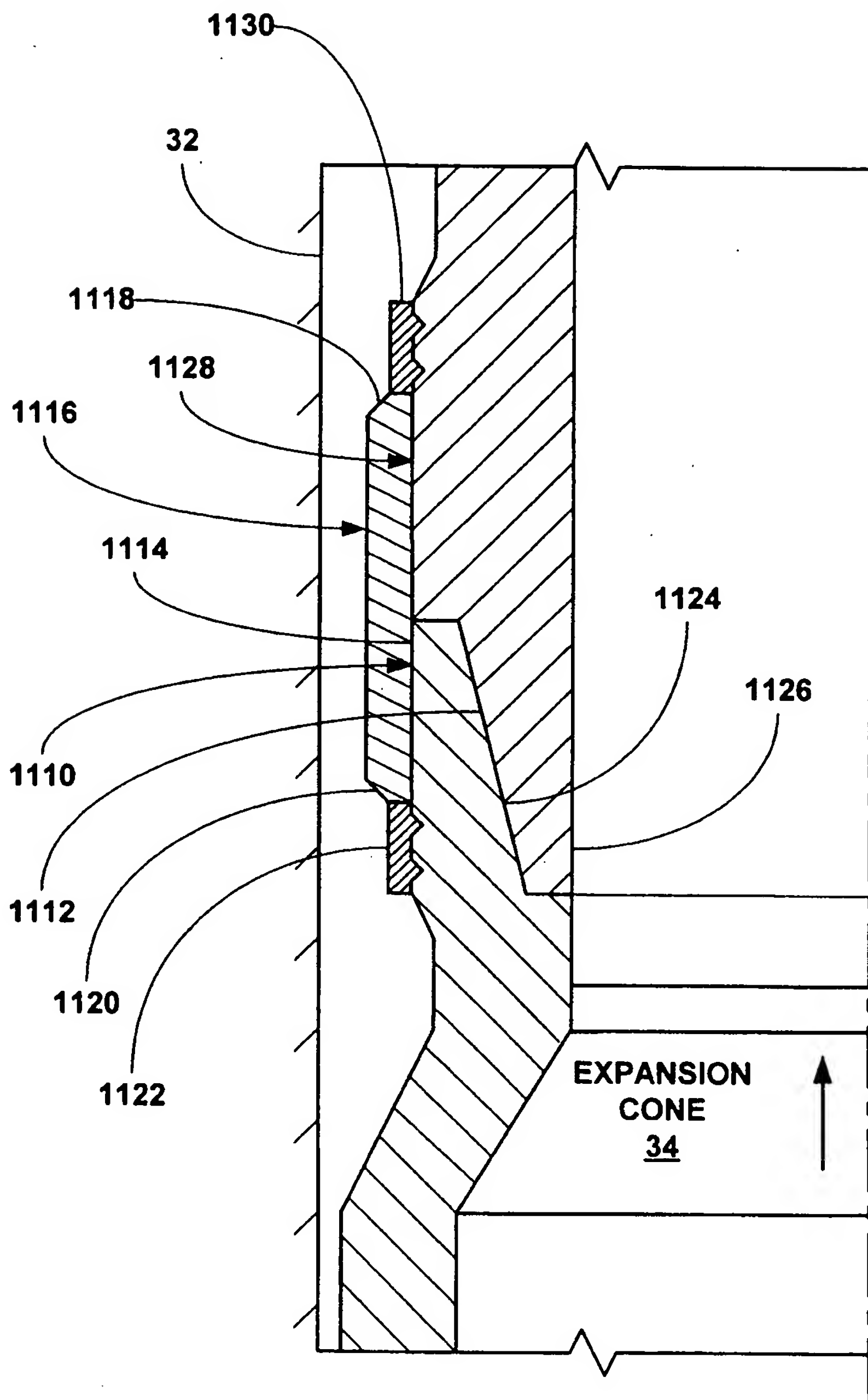


Fig. 9d

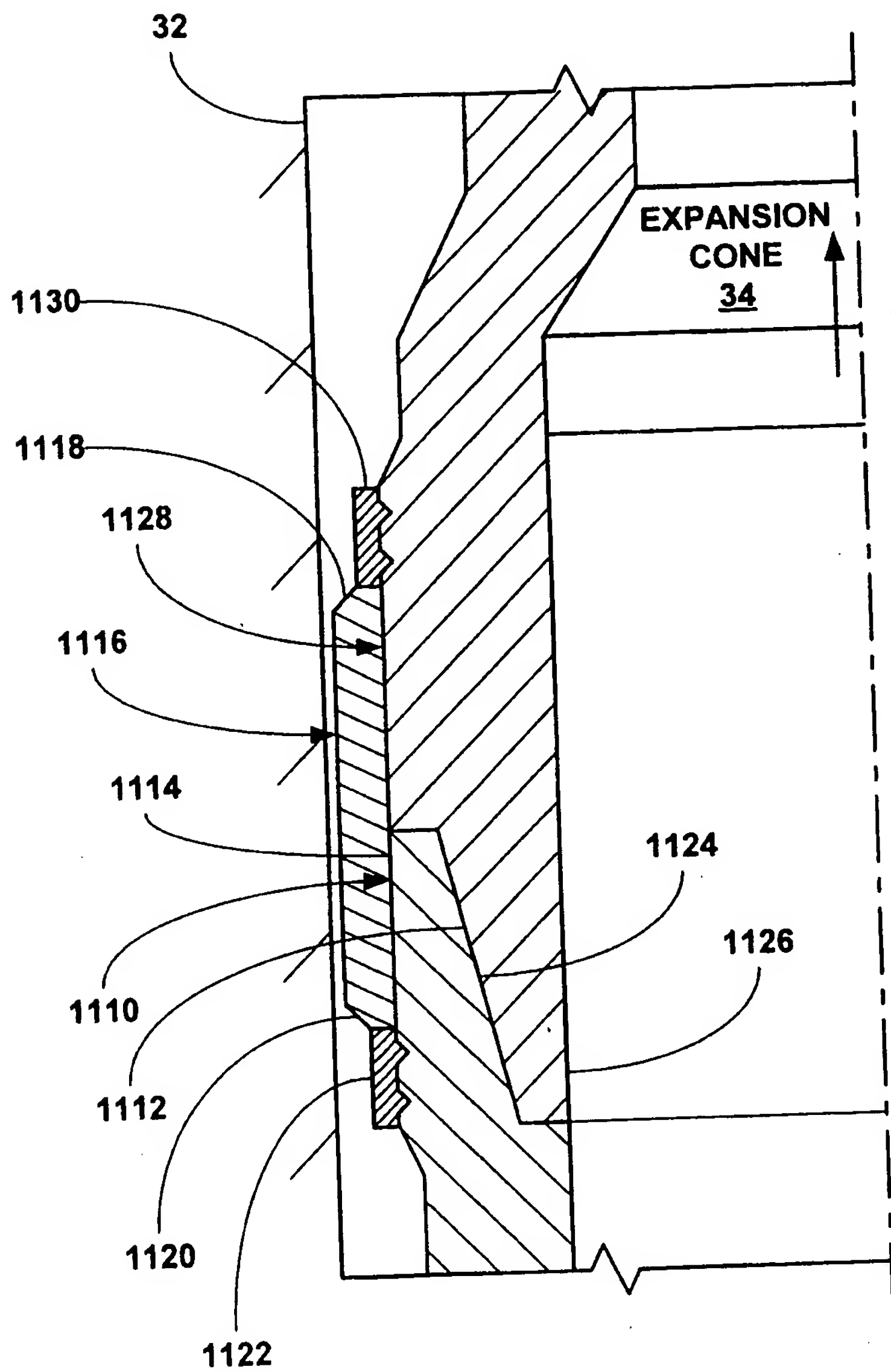
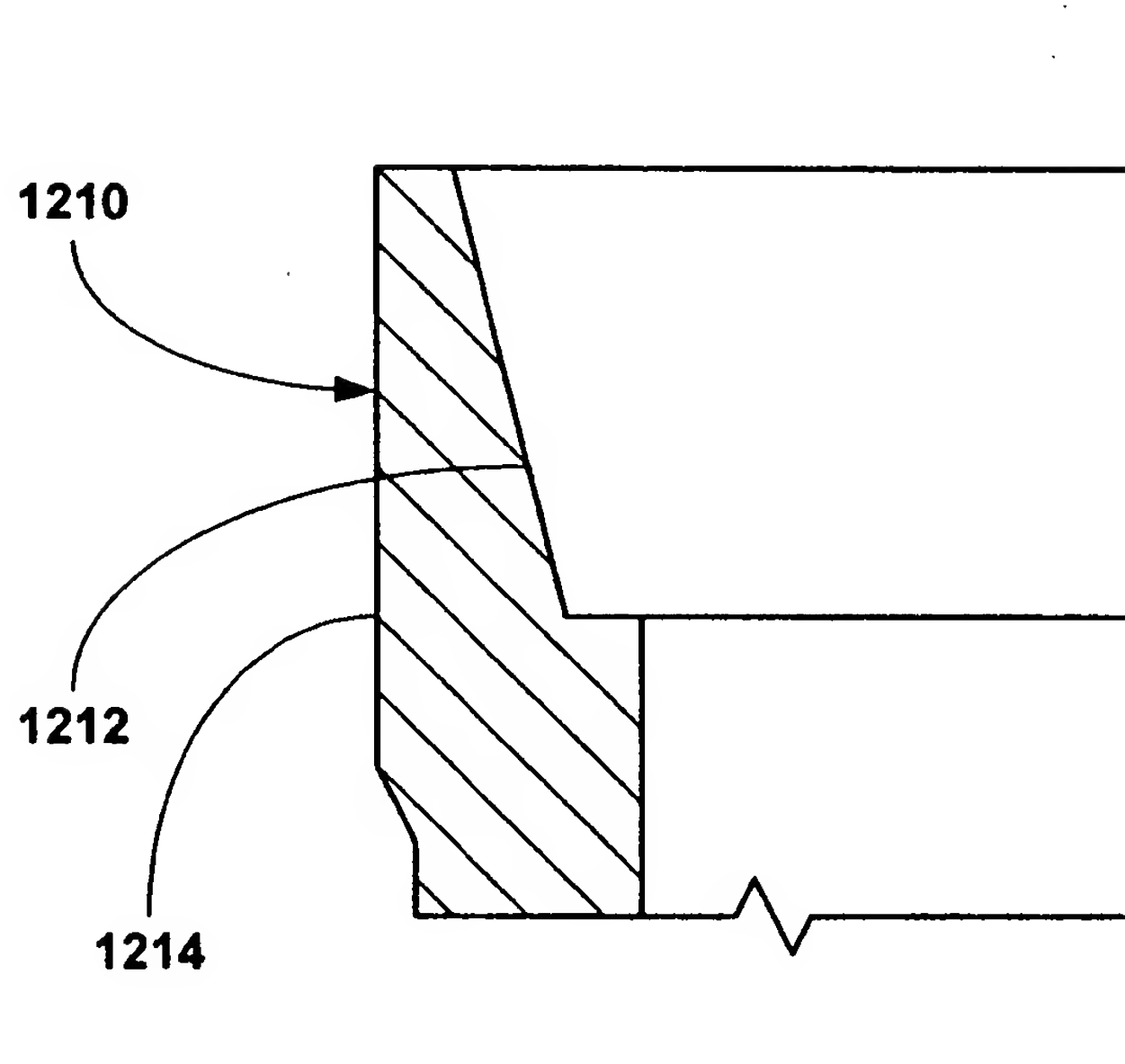


Fig. 9e





**Fig. 10a**

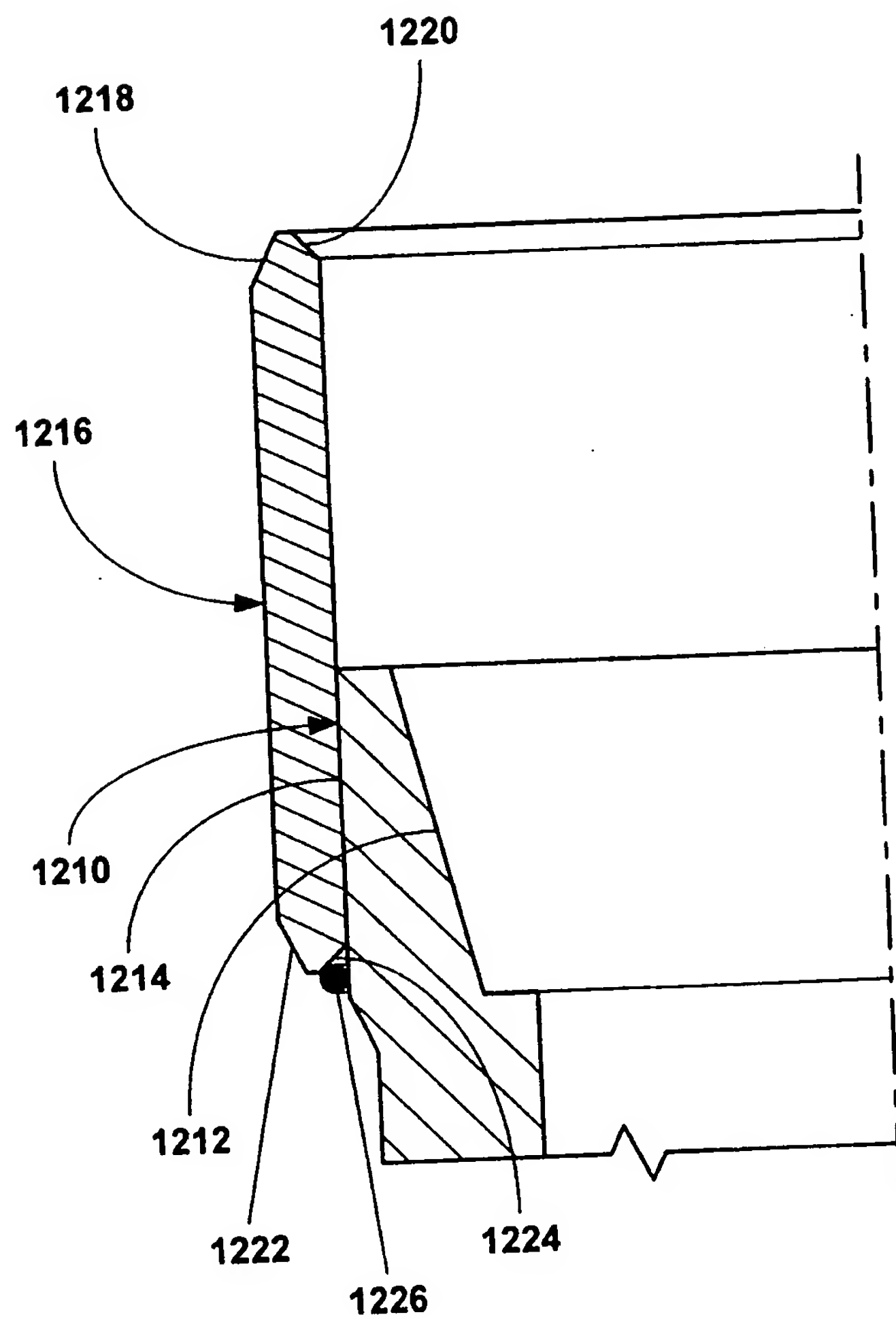


Fig. 10b

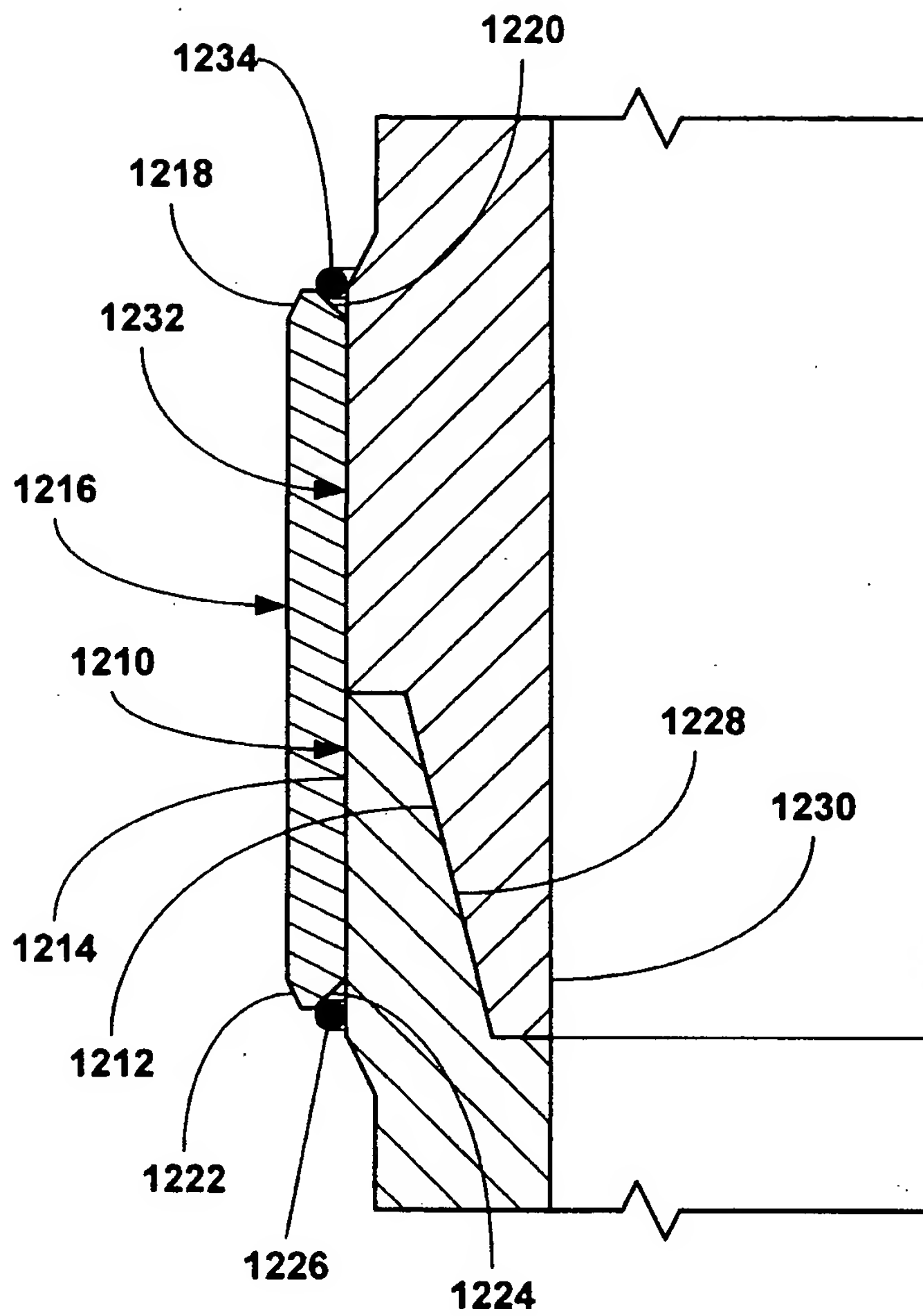


Fig. 10c

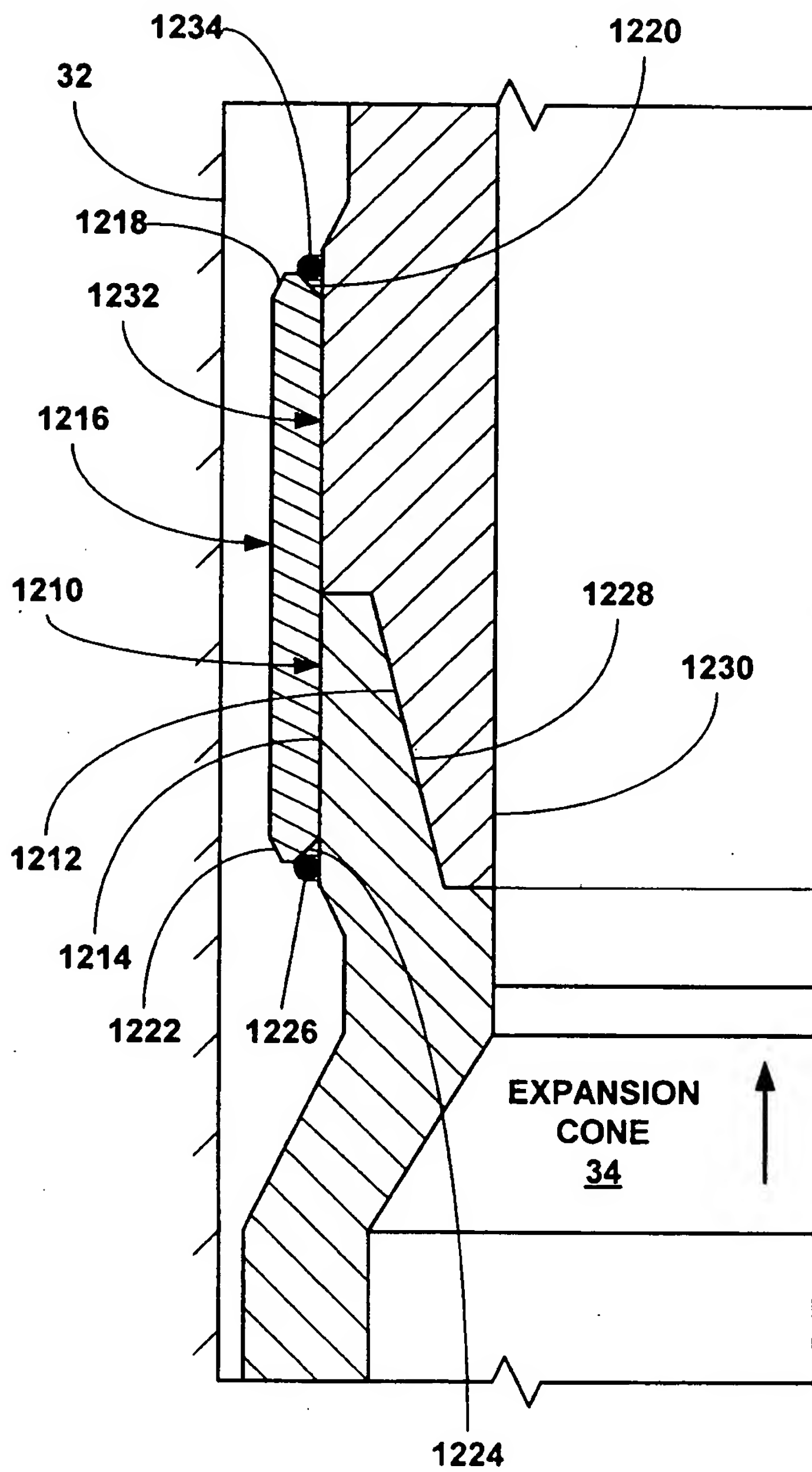


Fig. 10d

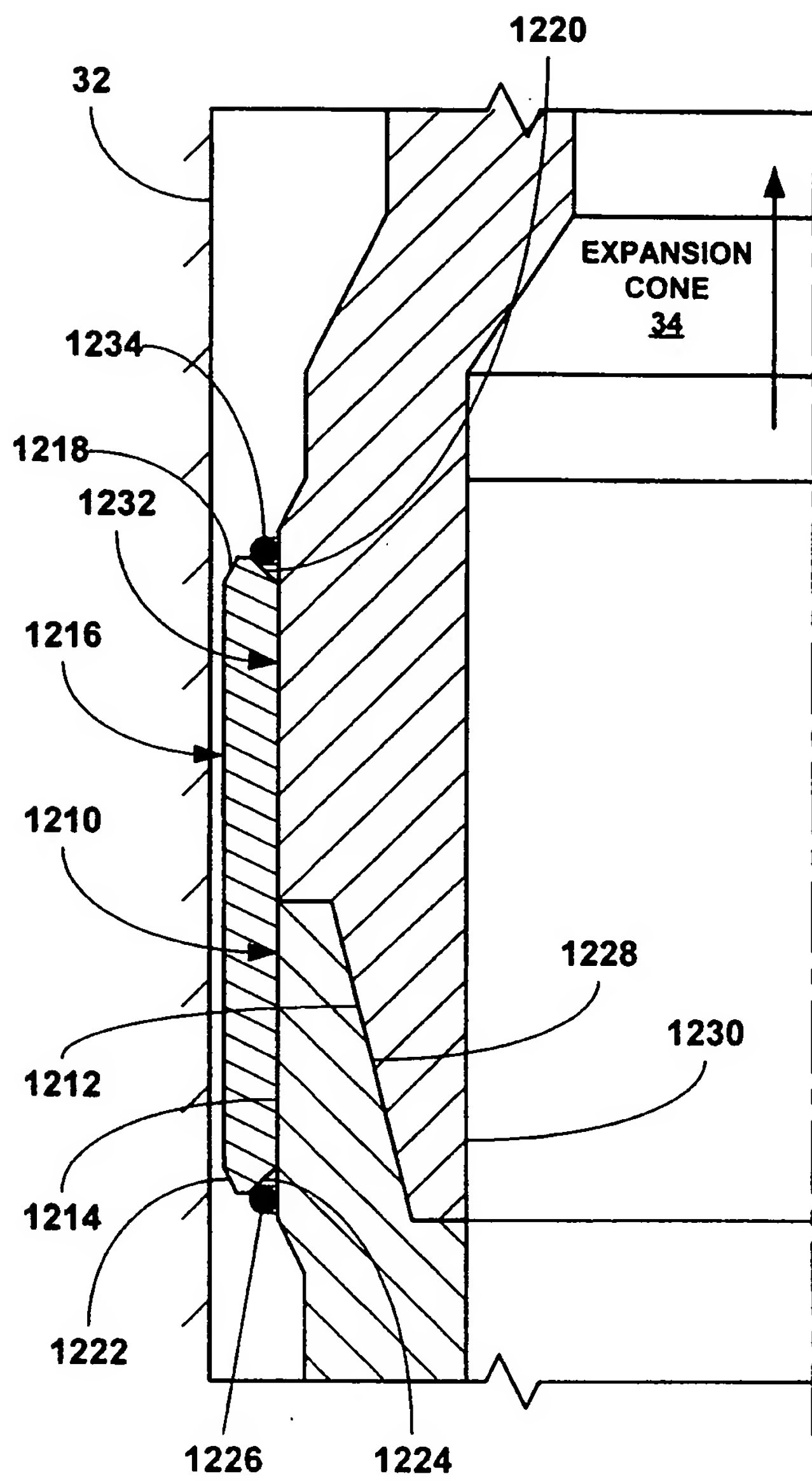
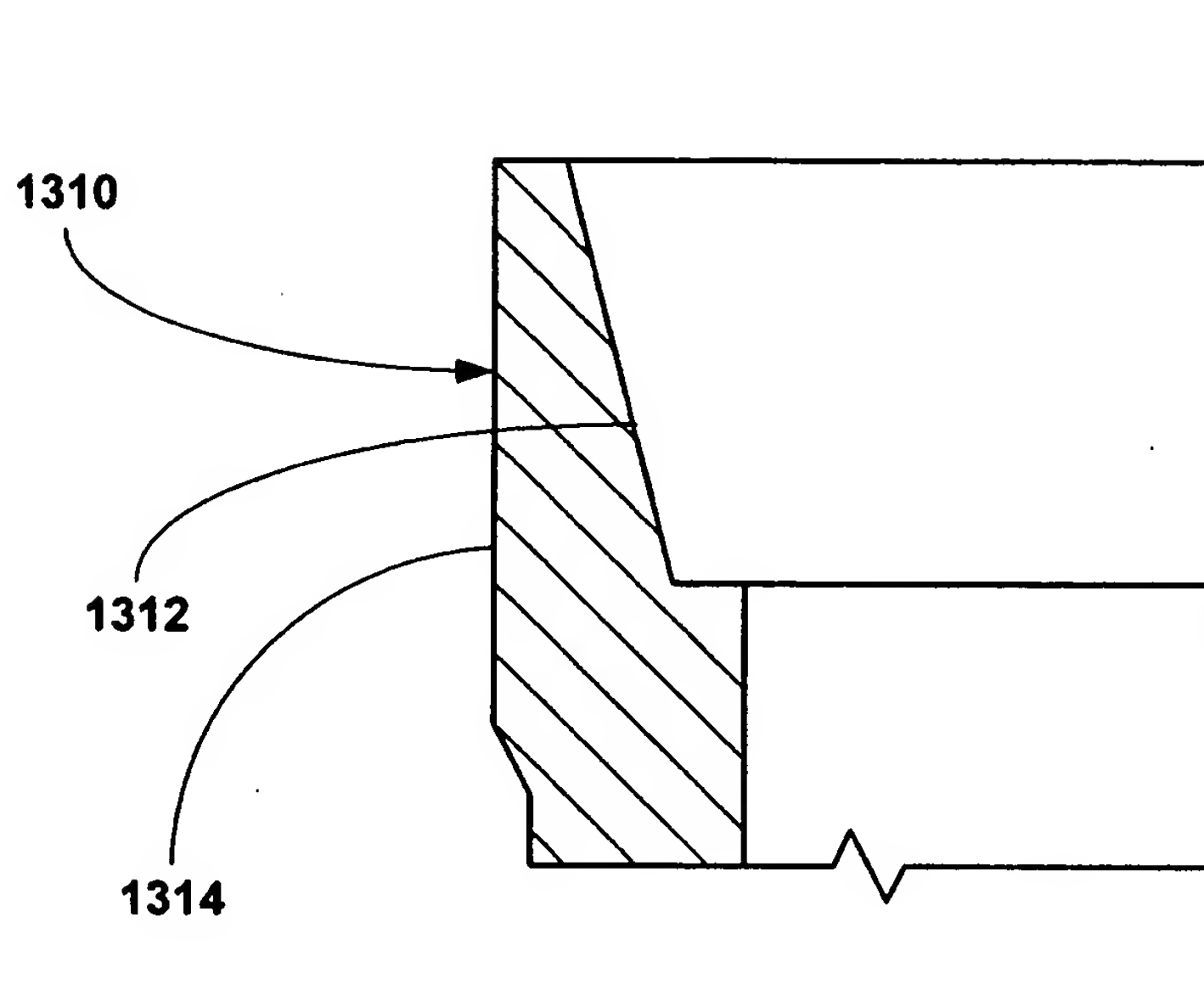
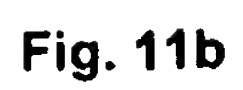


Fig. 10e



**Fig. 11a**



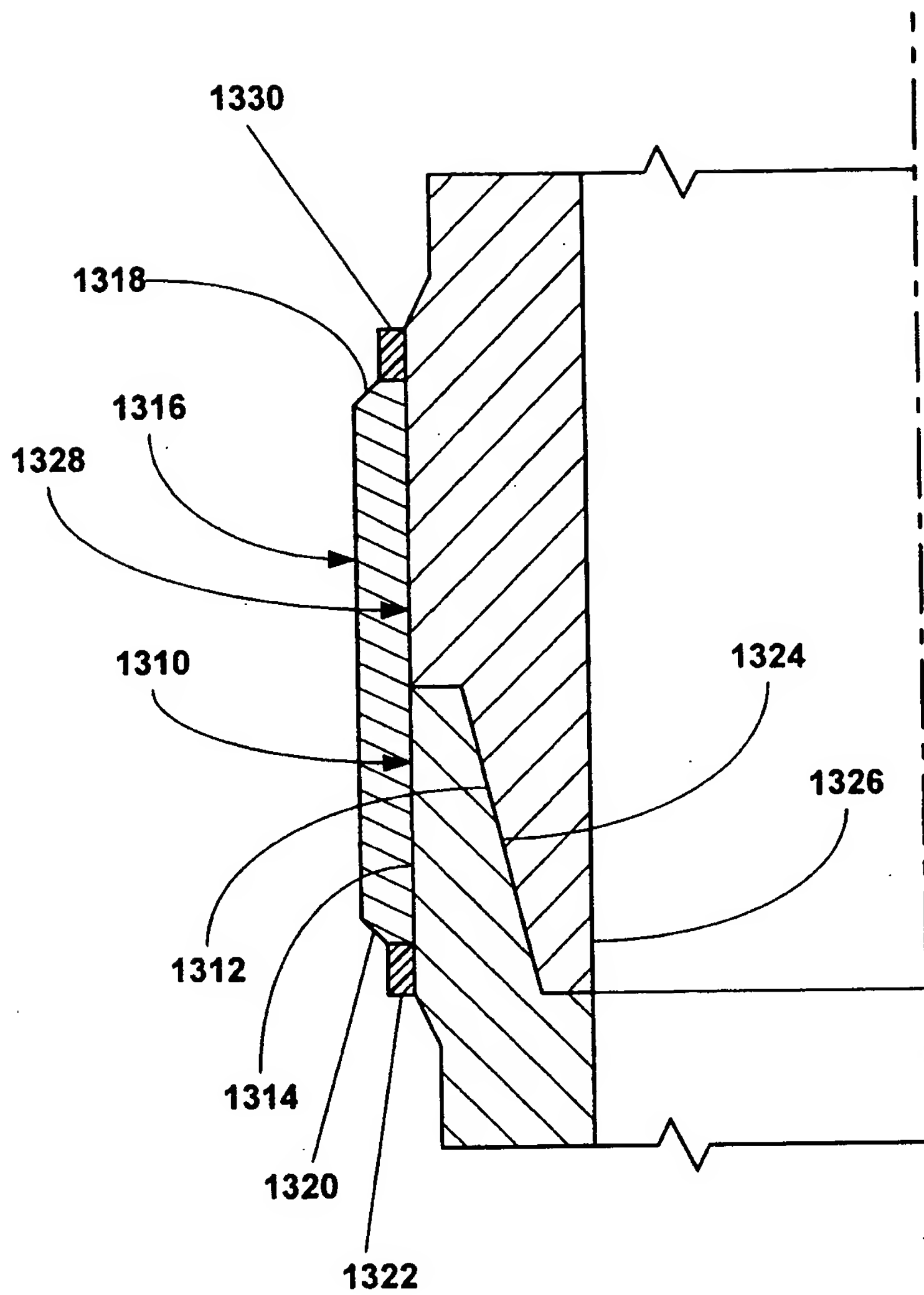


Fig. 11c



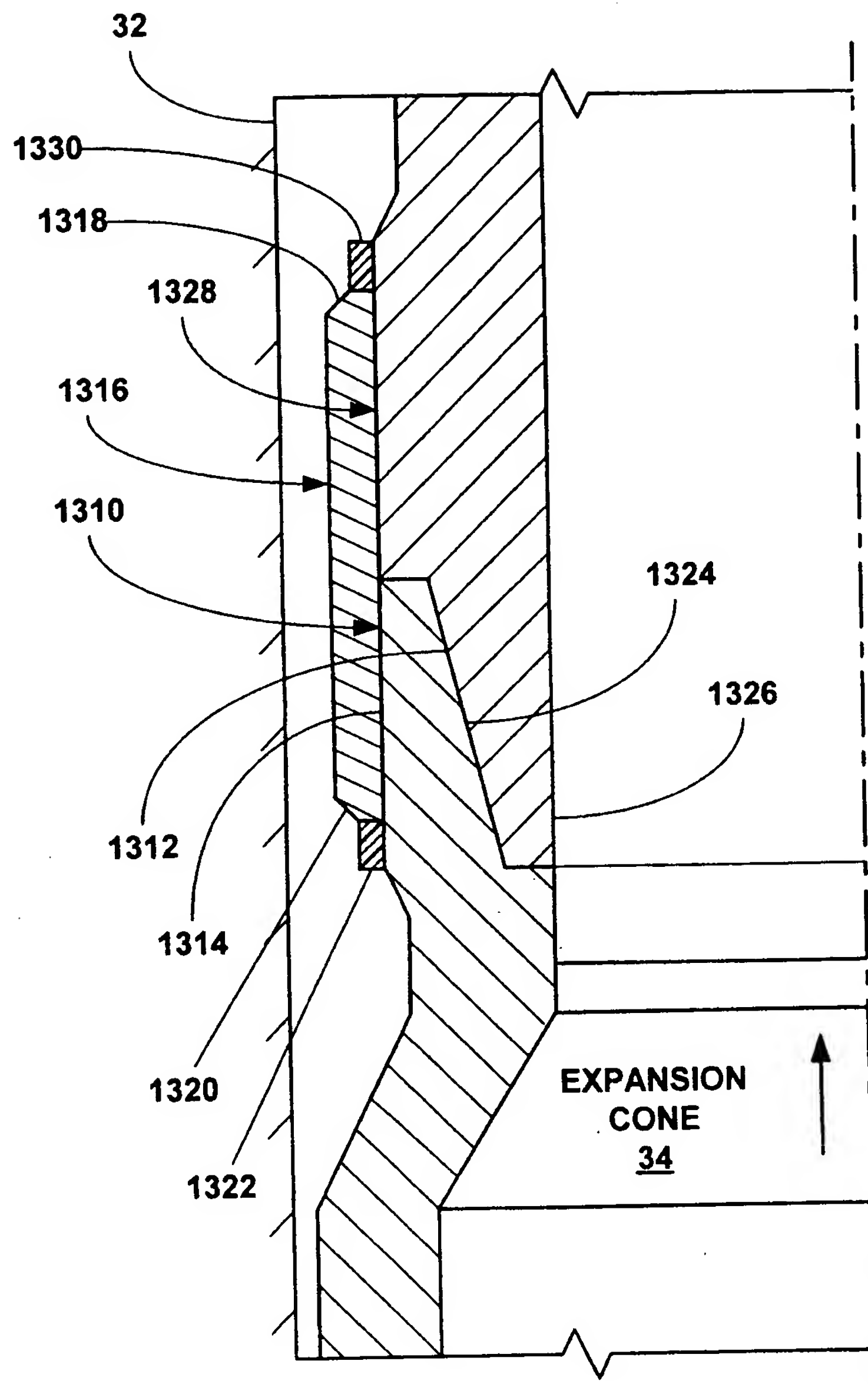


Fig. 11d

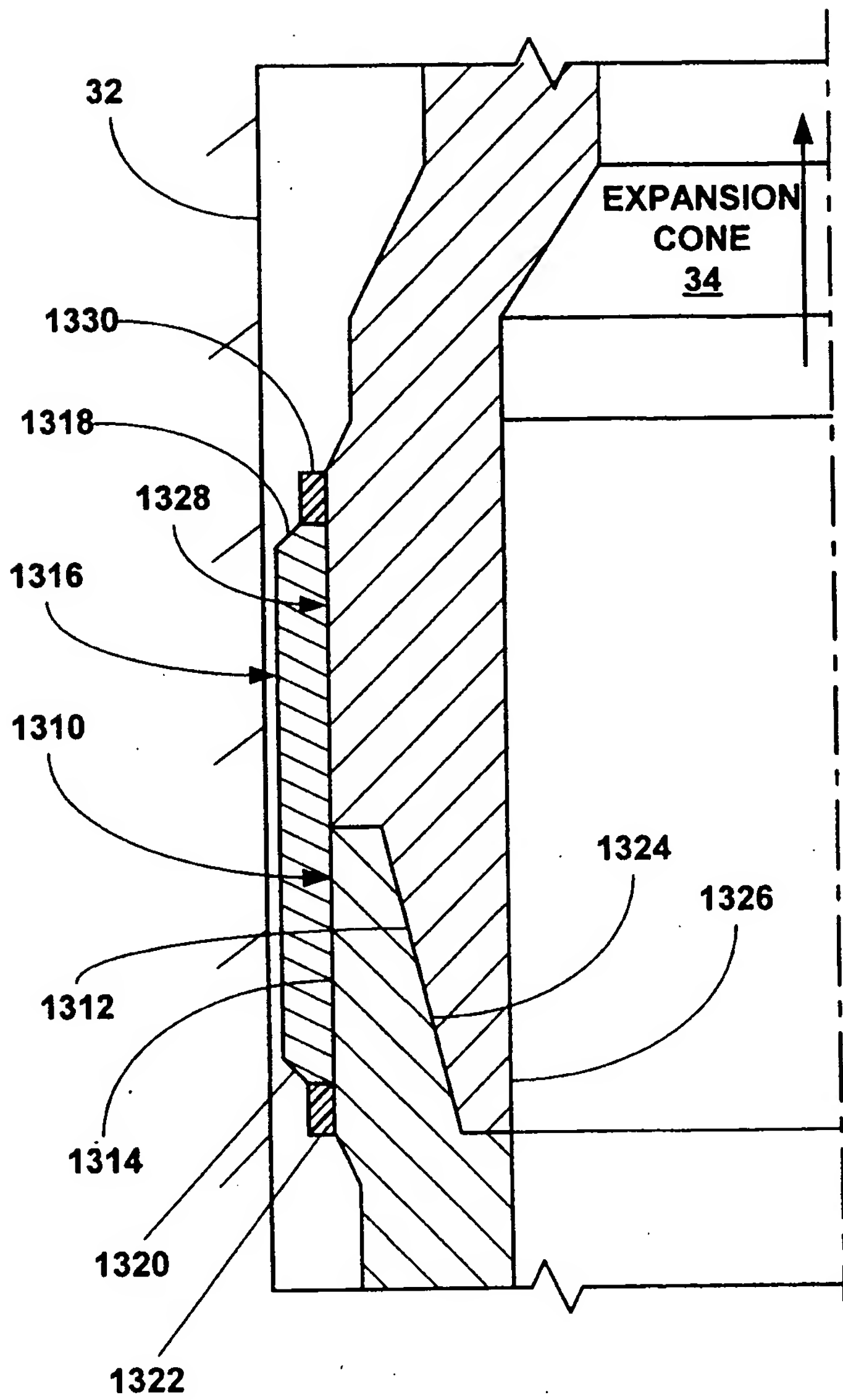


Fig. 11e

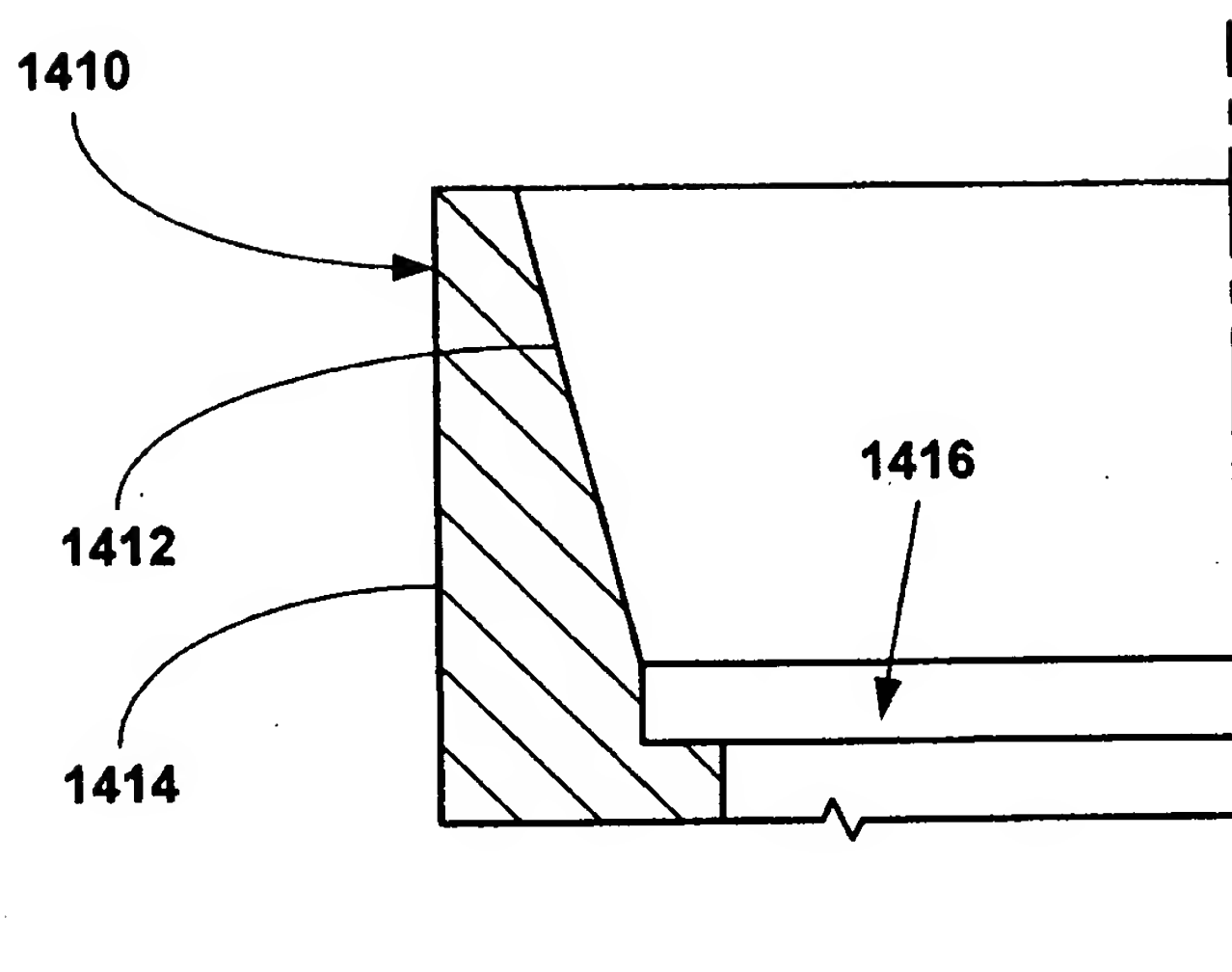


Fig. 12a



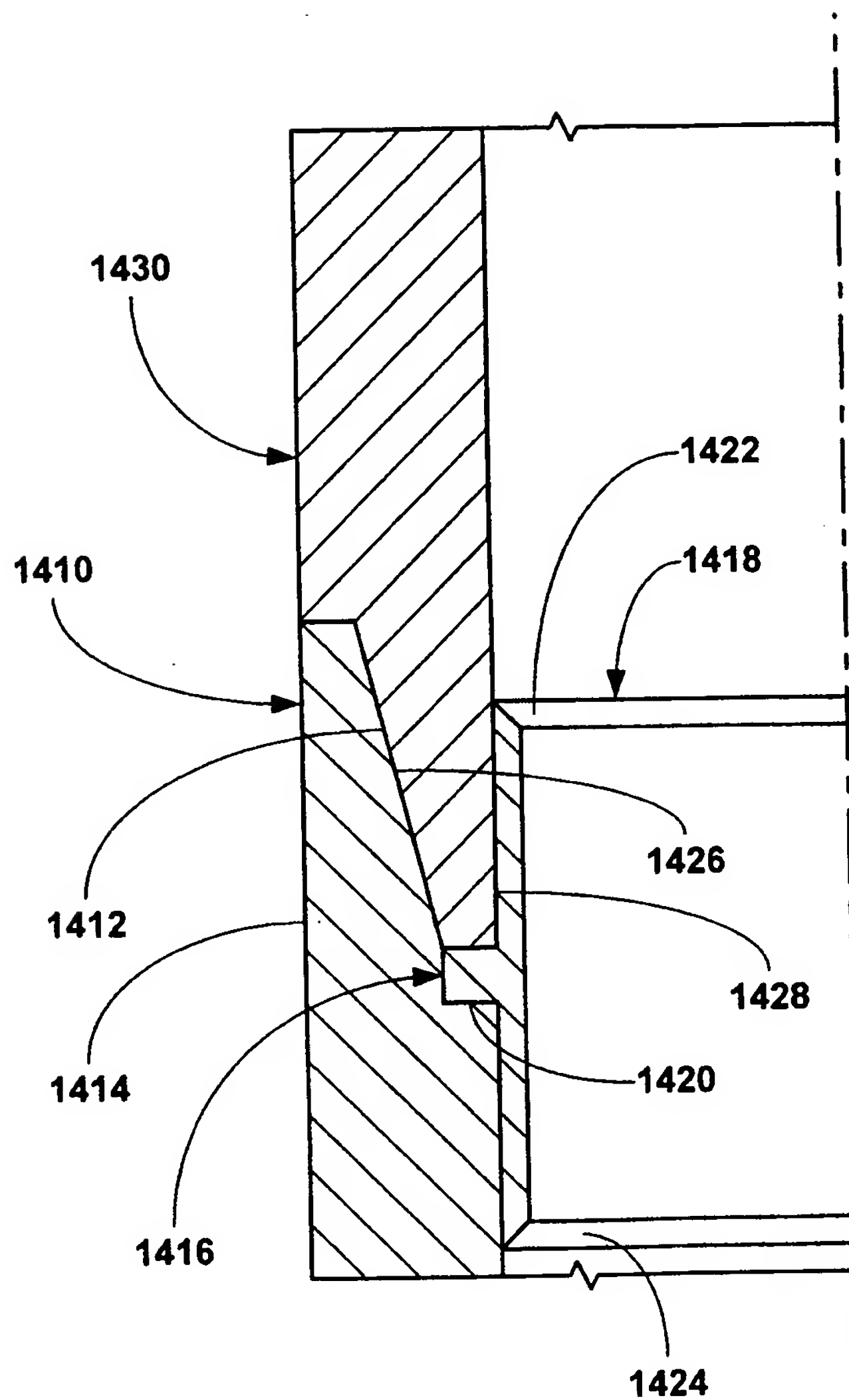


Fig. 12c

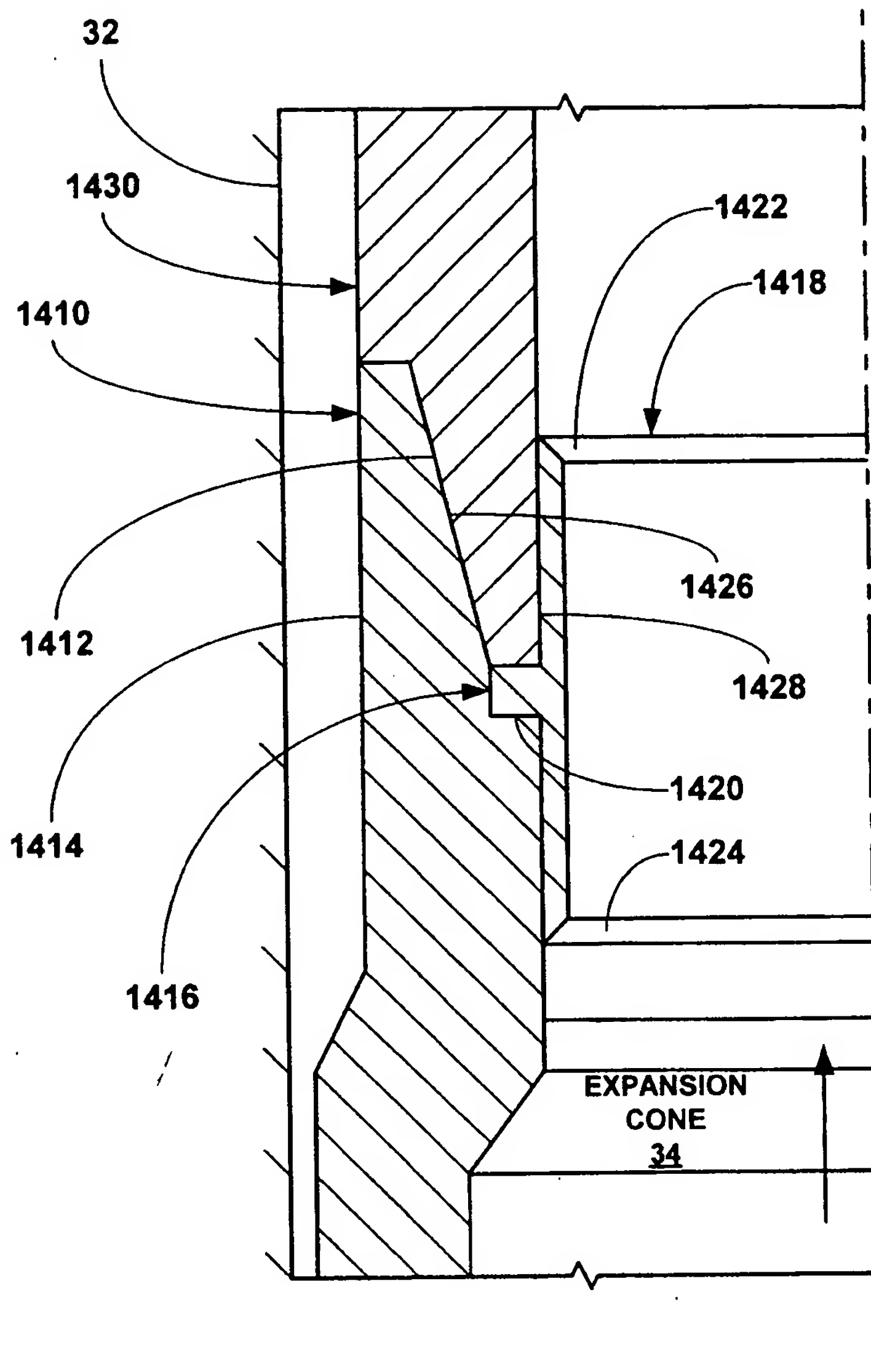


Fig. 12d

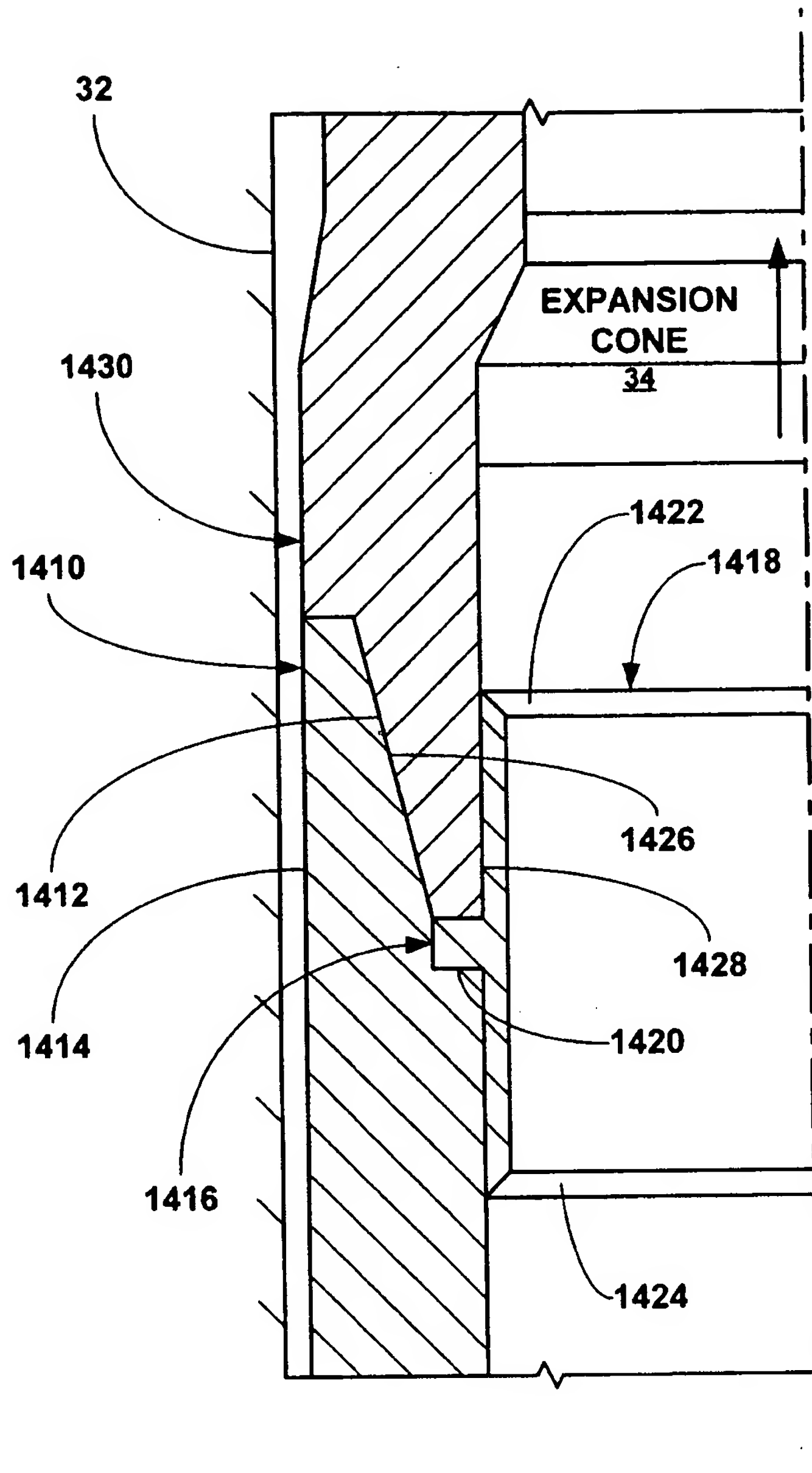
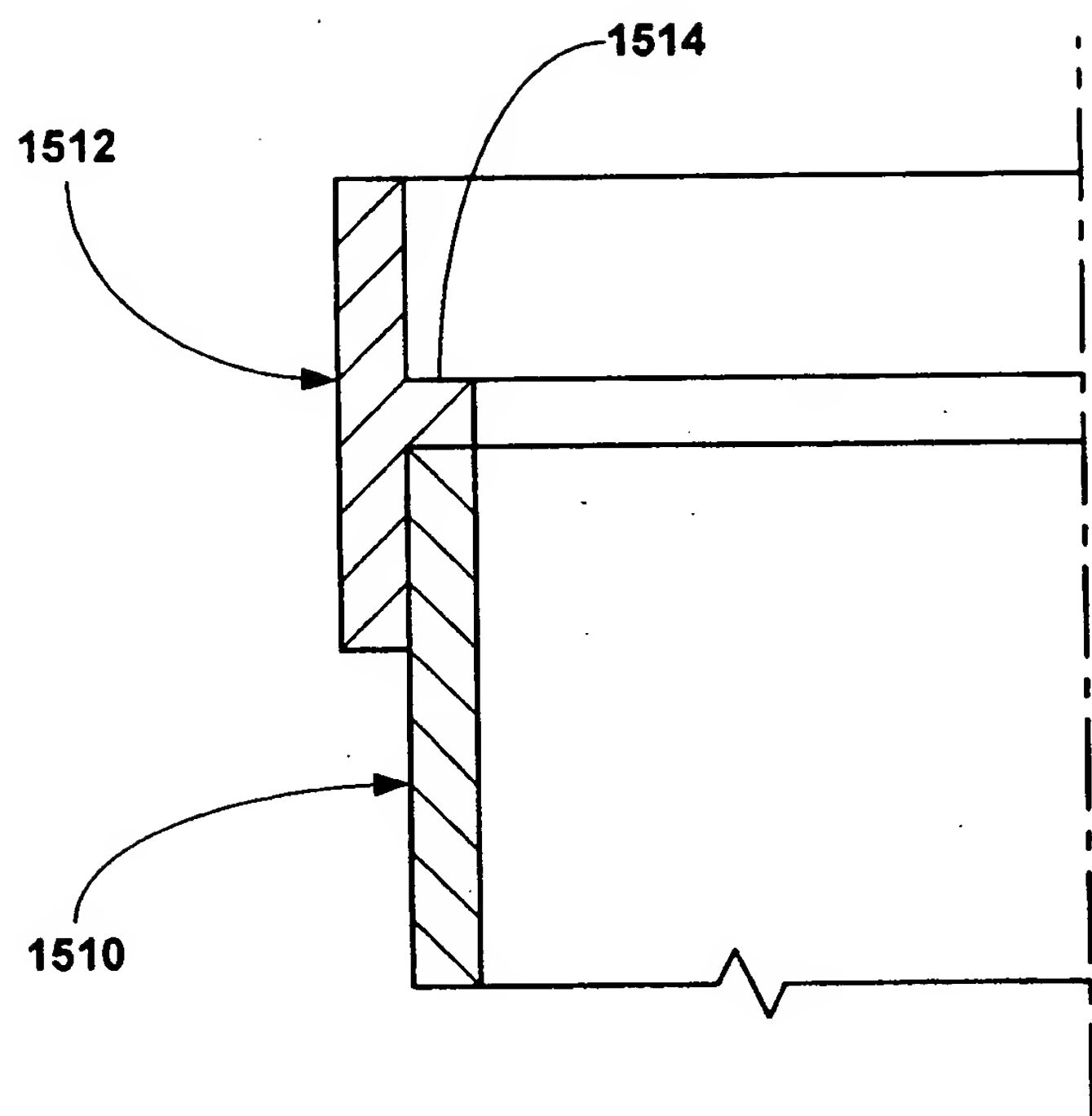


Fig. 12e



**Fig. 13a**



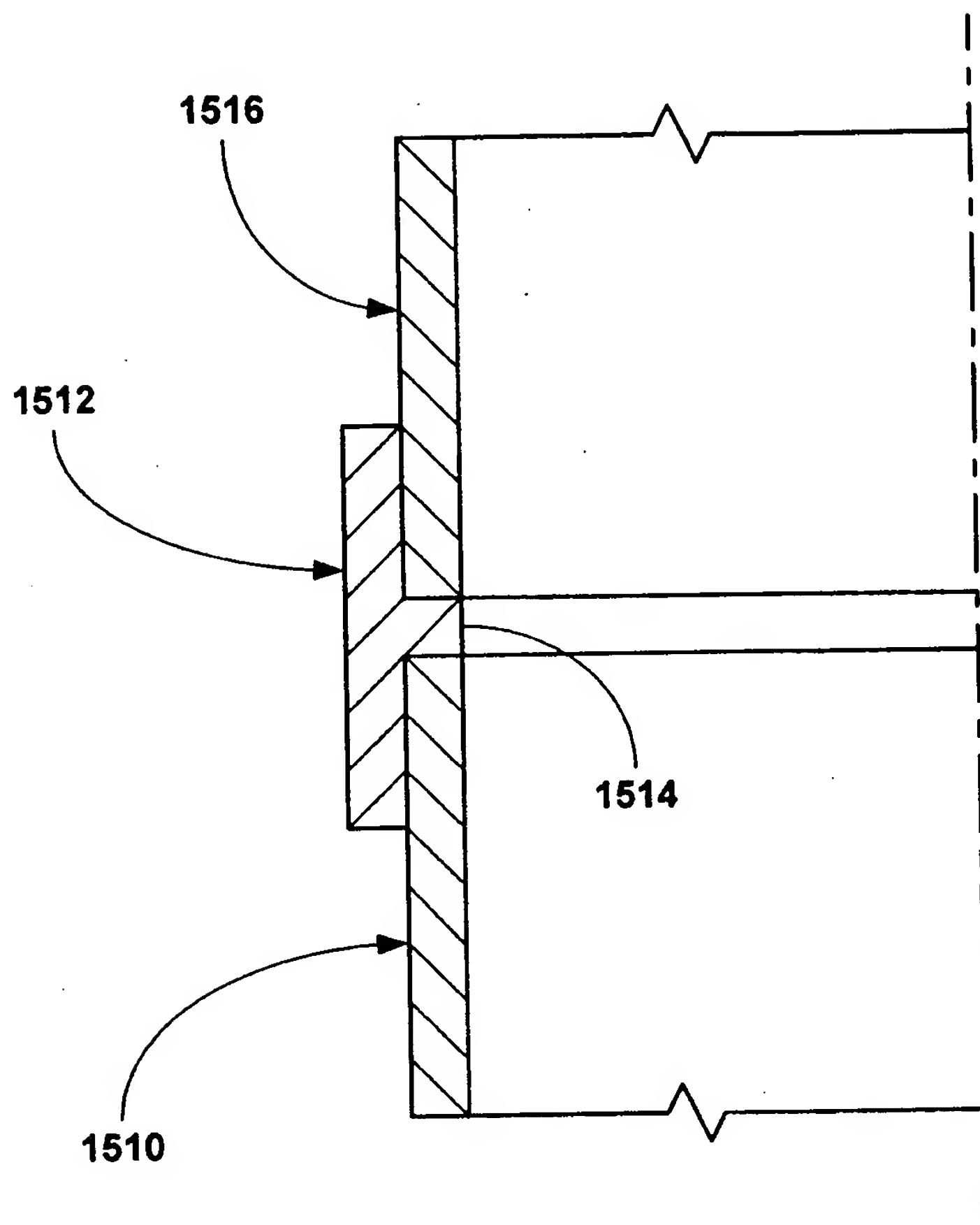


Fig. 13b

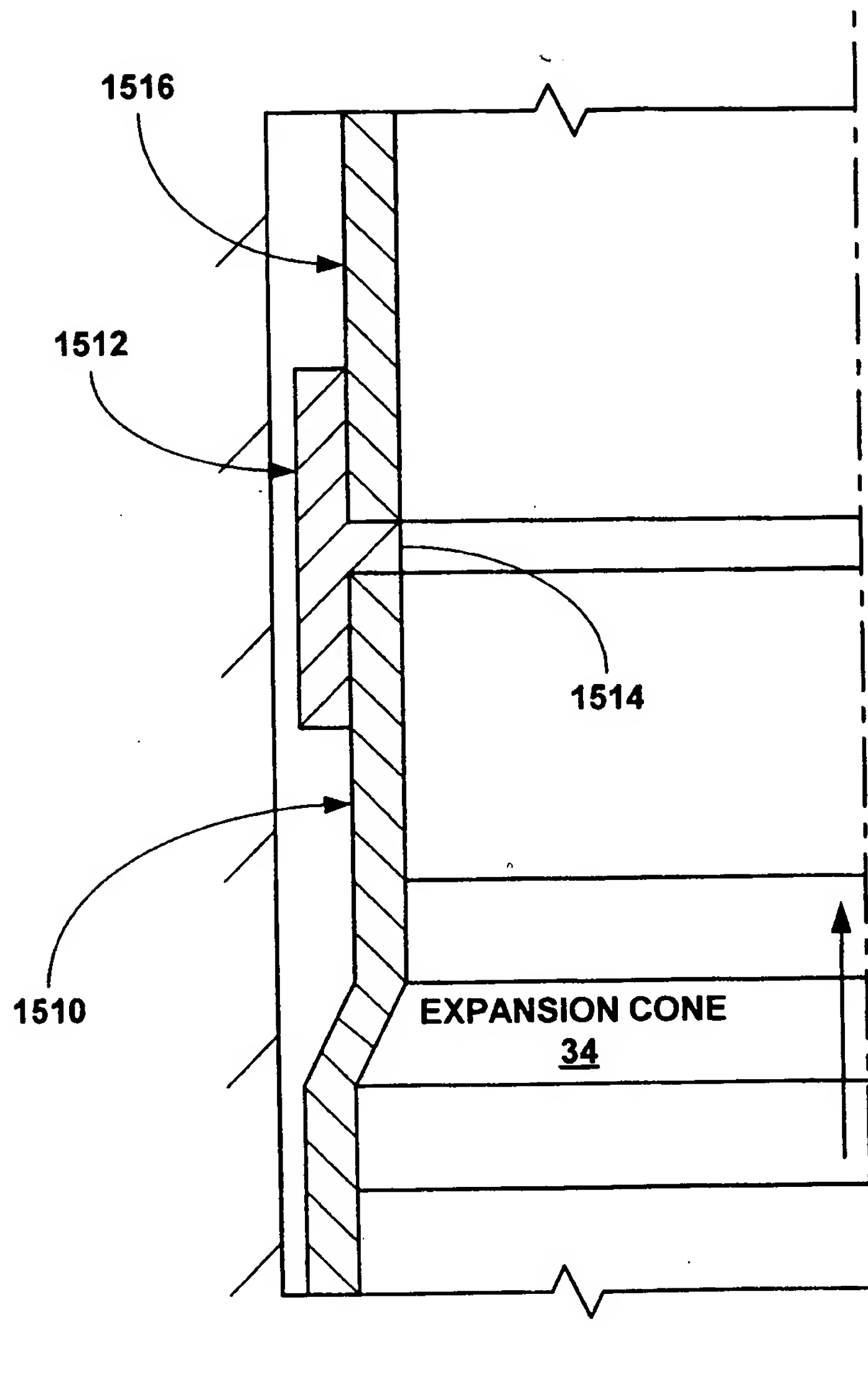


Fig. 13c

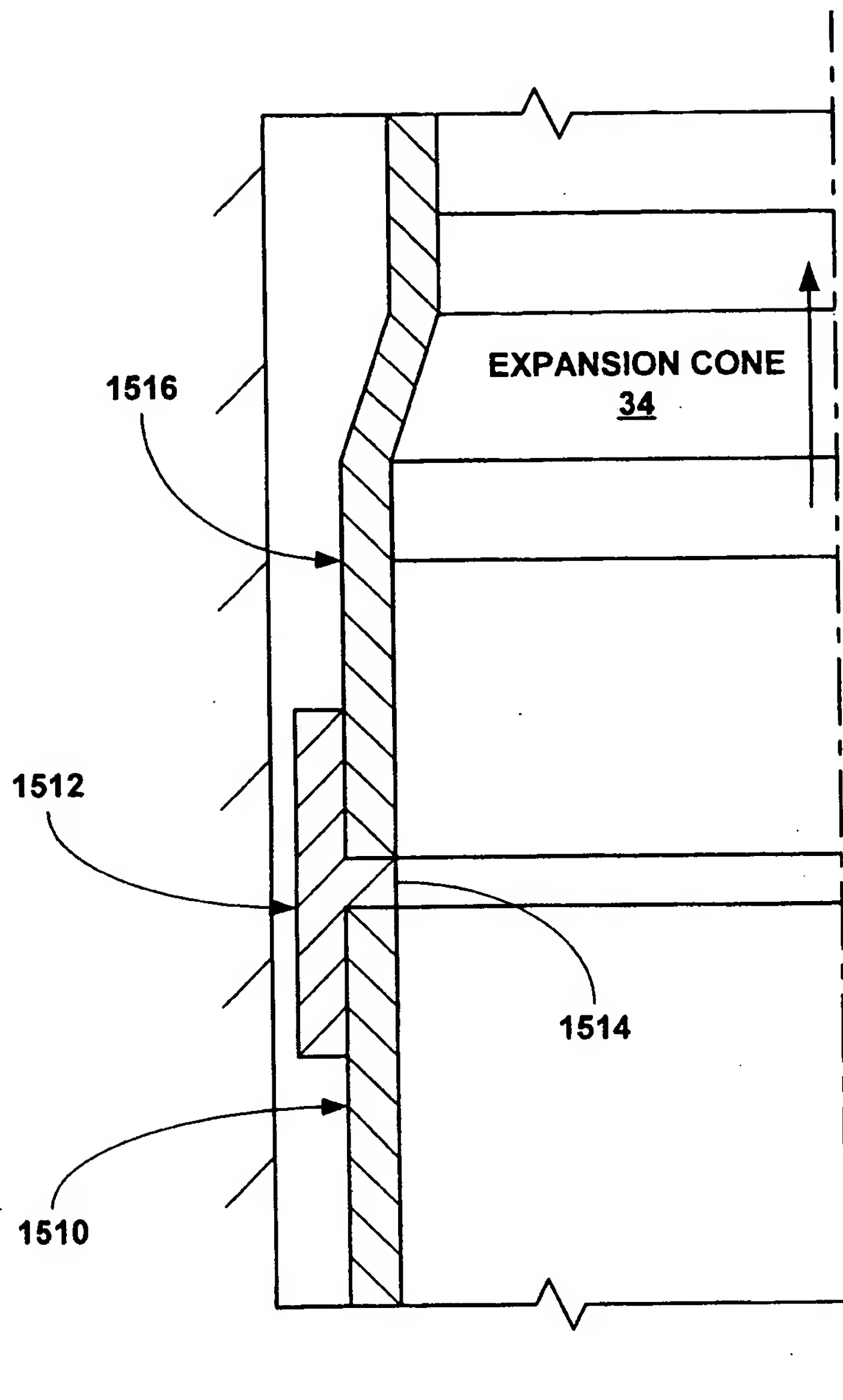
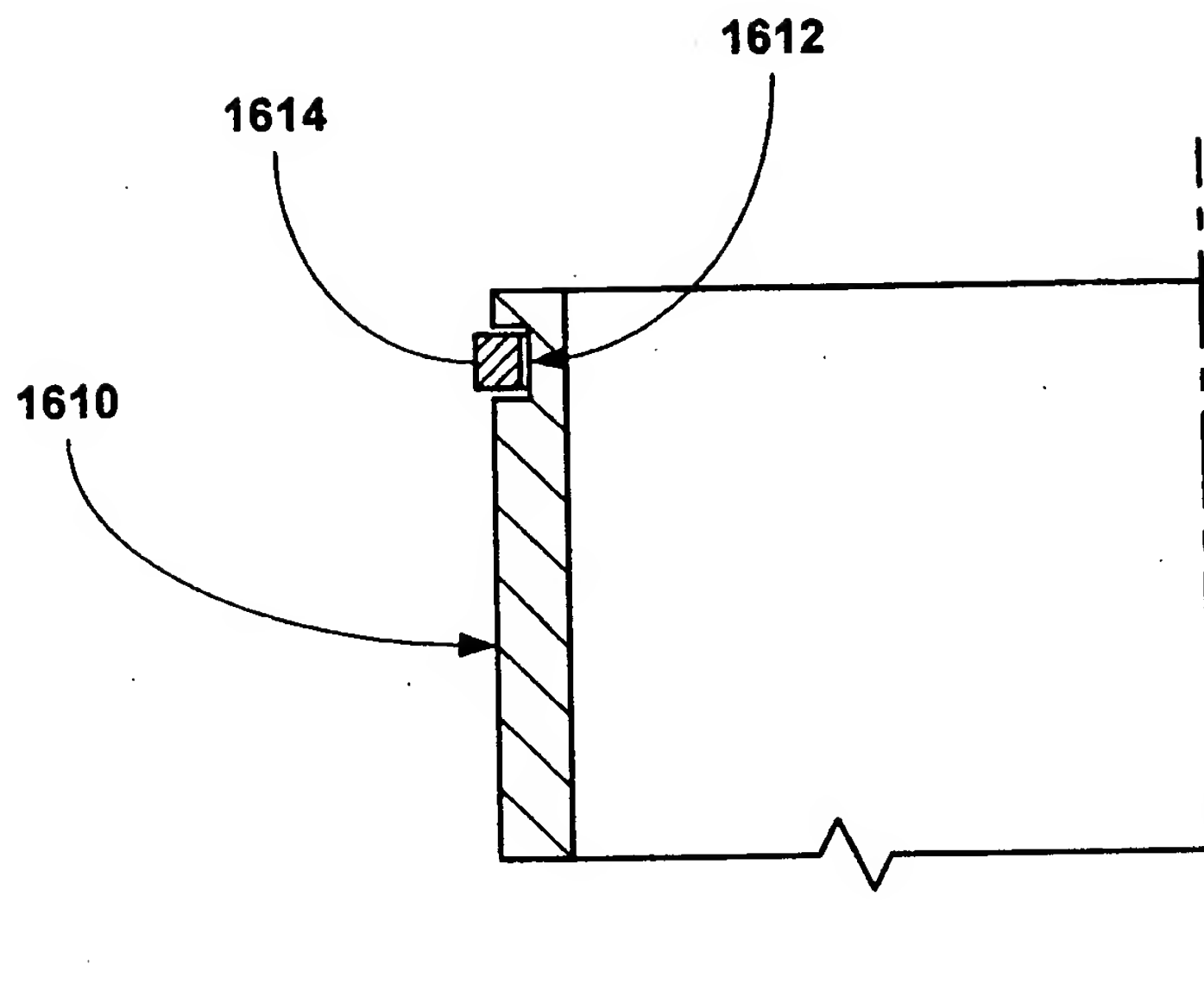


Fig. 13d



**Fig. 14a**

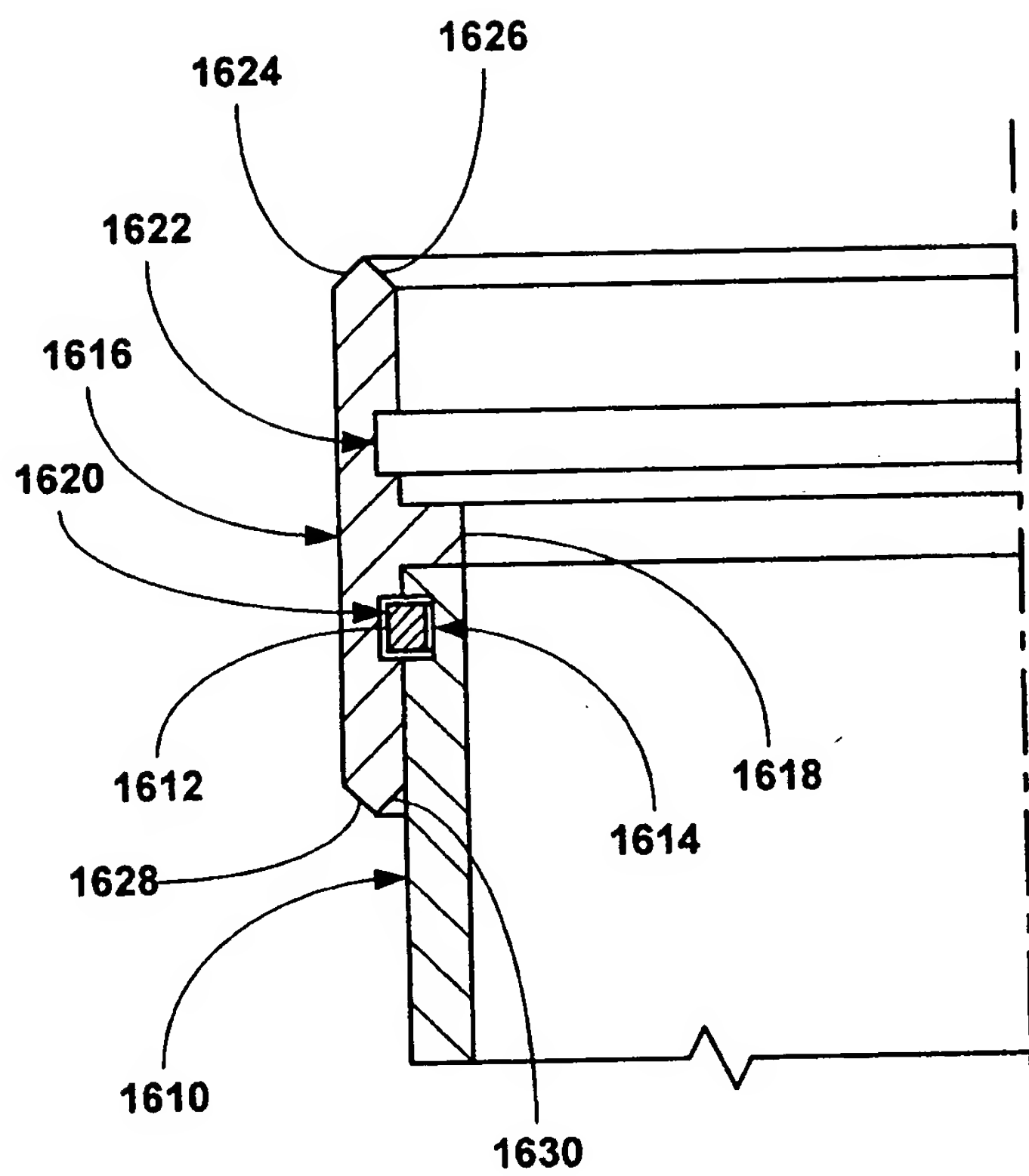


Fig. 14b

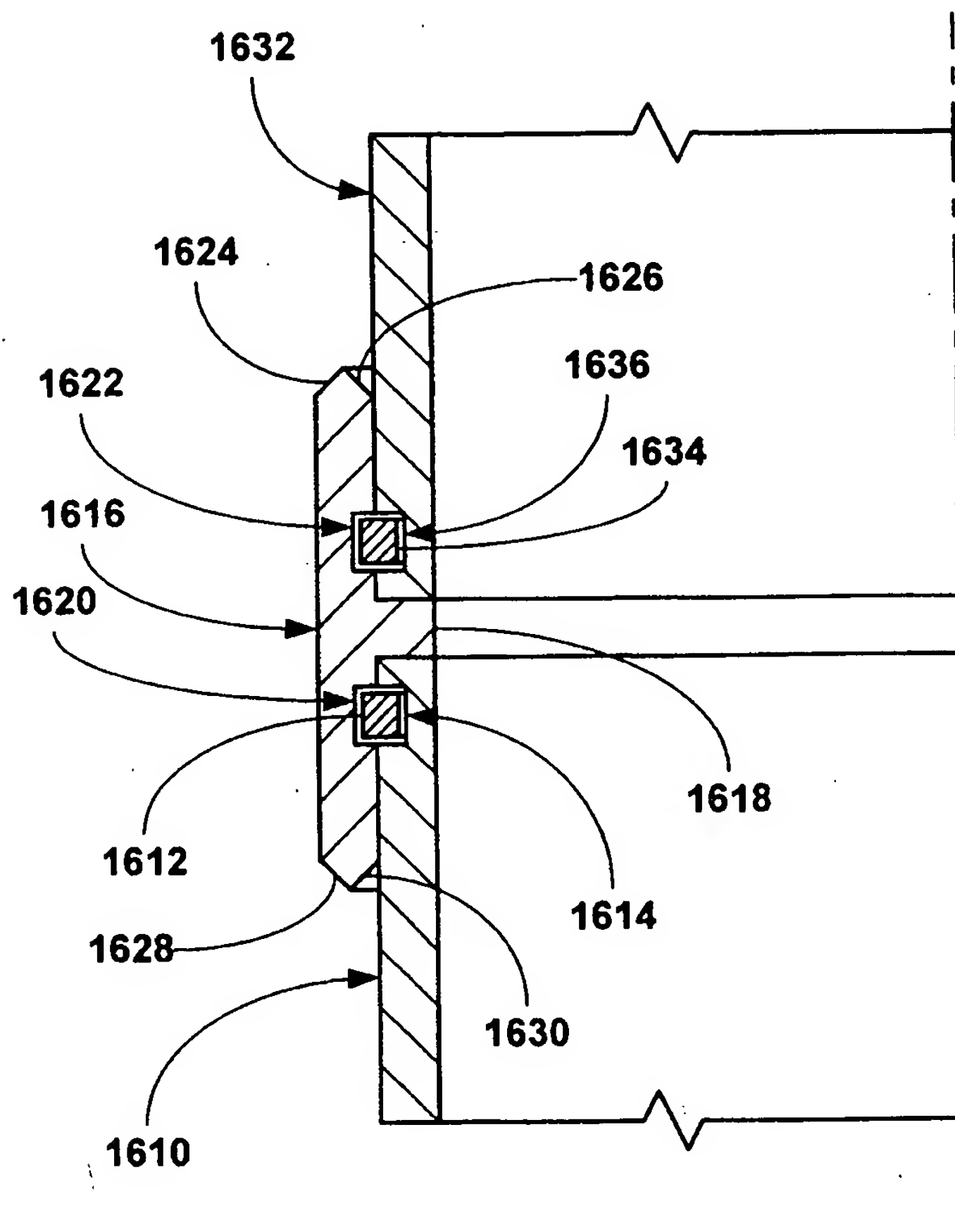


Fig. 14c

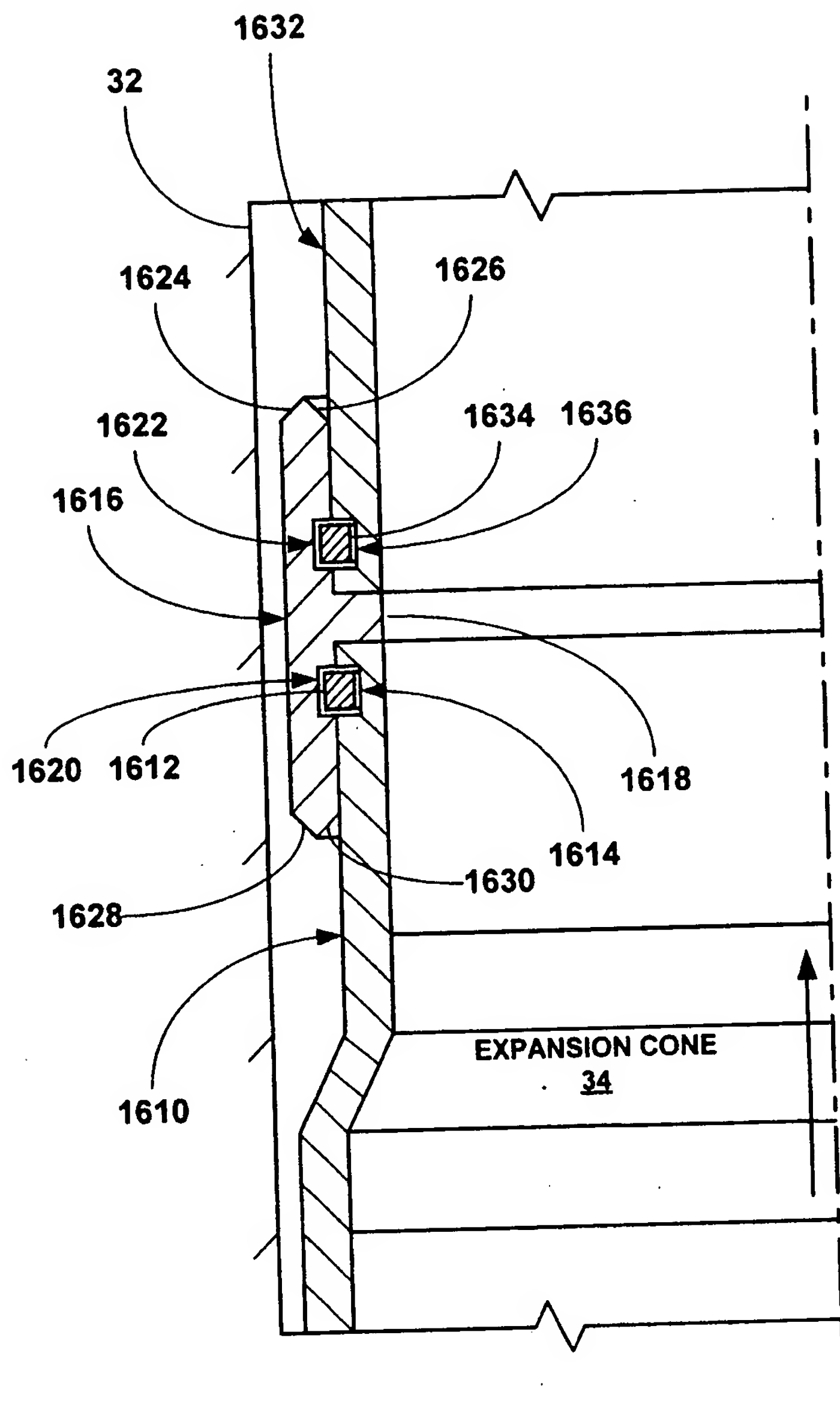


Fig. 14d

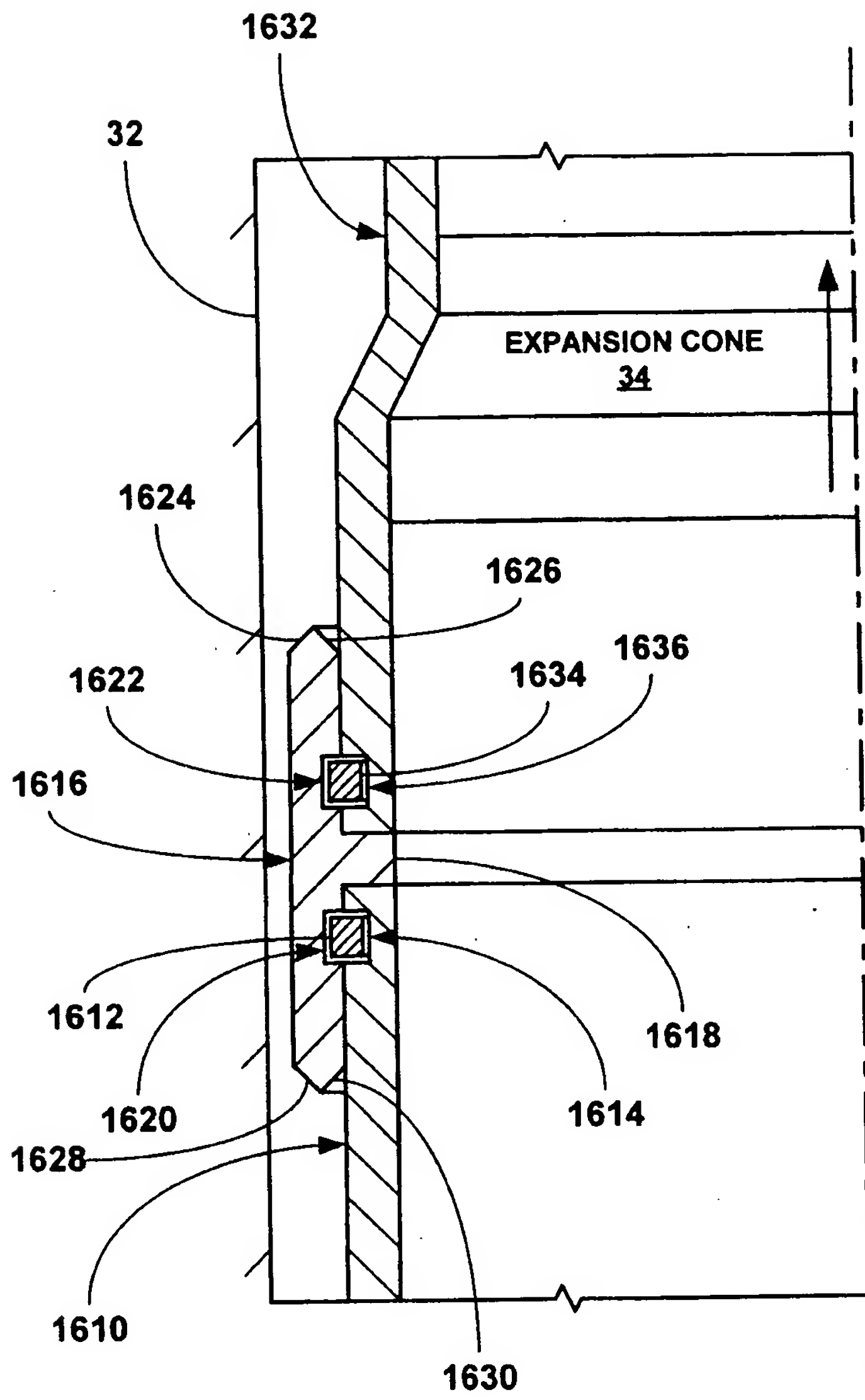


Fig. 14e



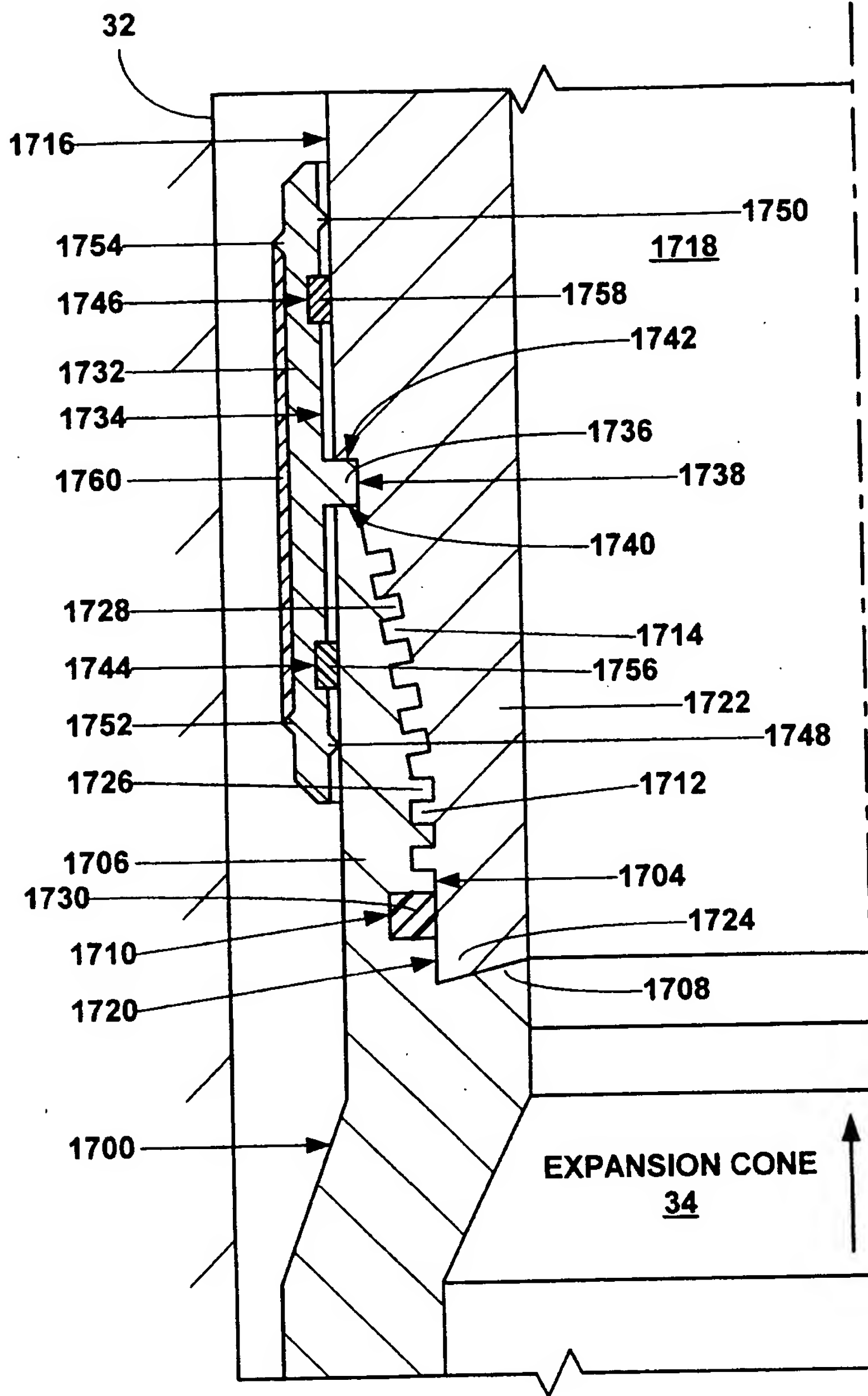


Fig. 15a



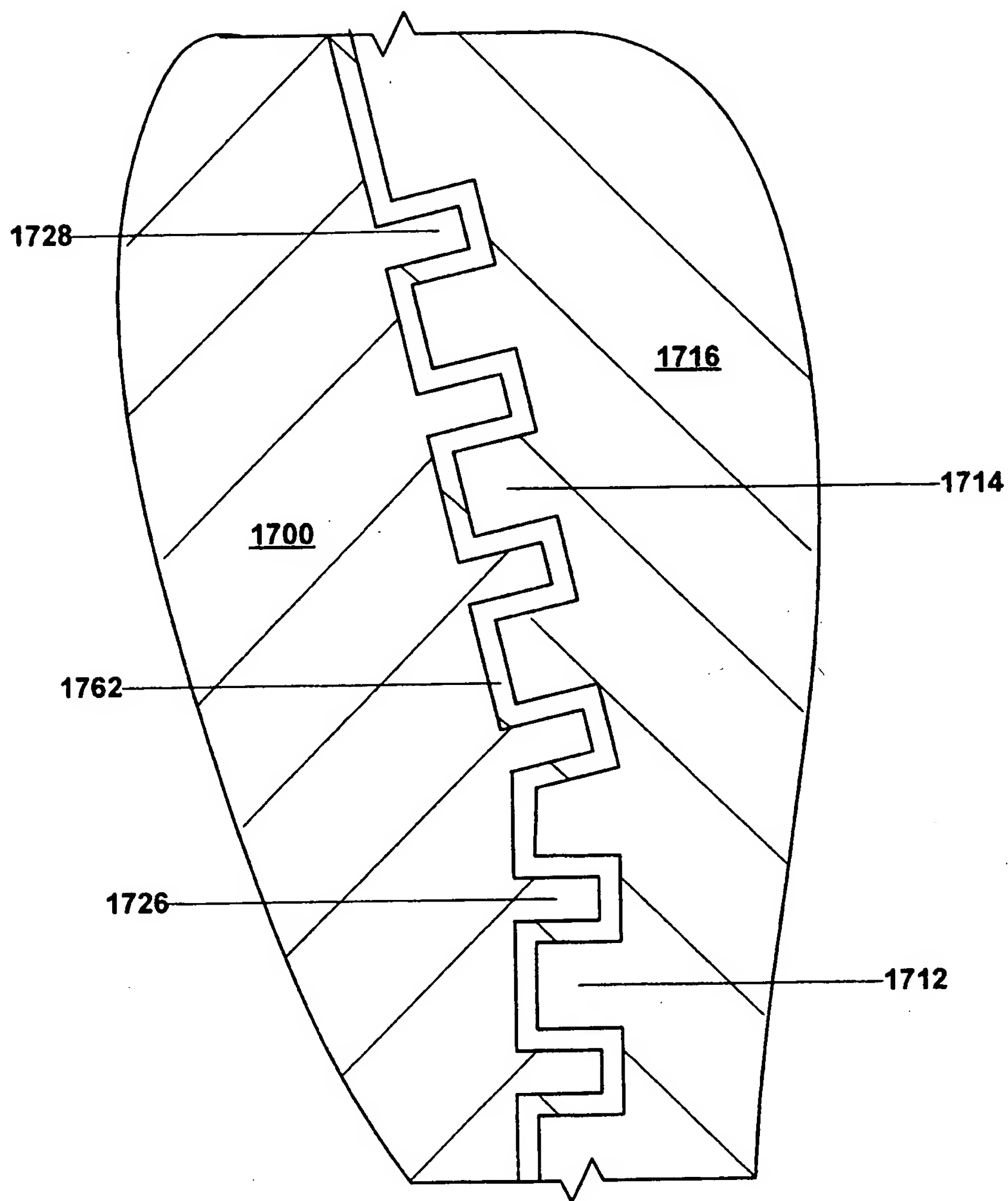


Fig. 15c

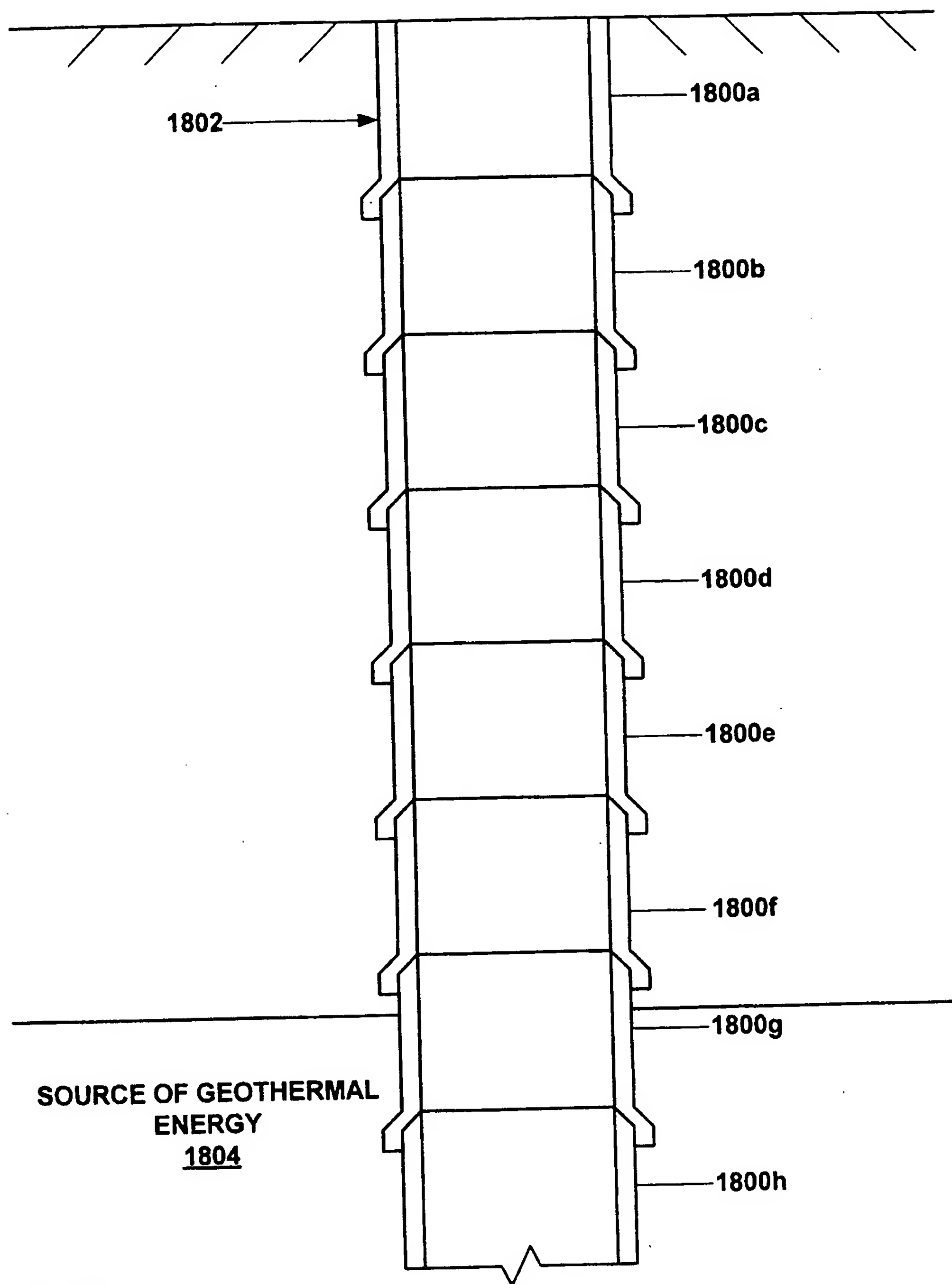
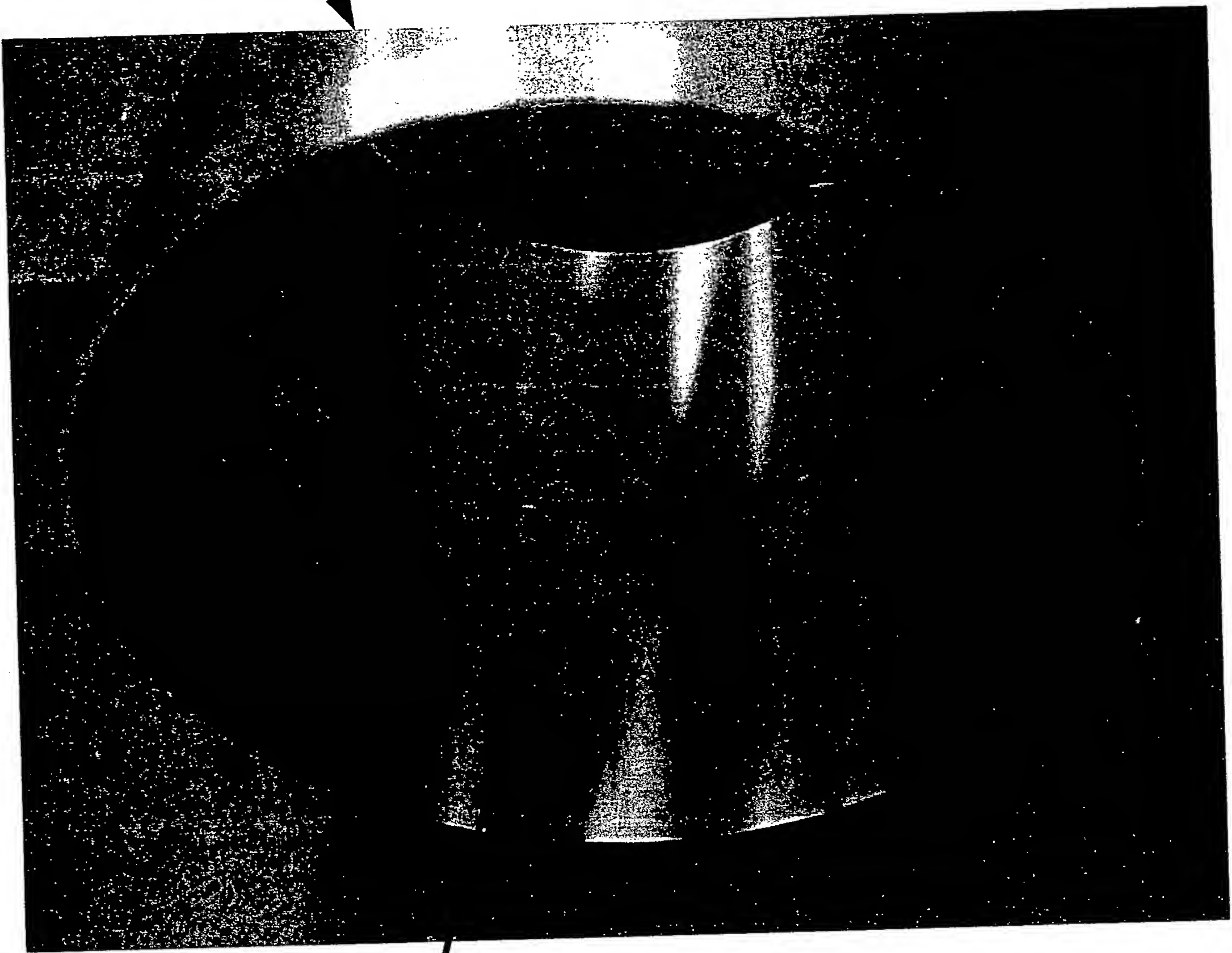


Fig. 16

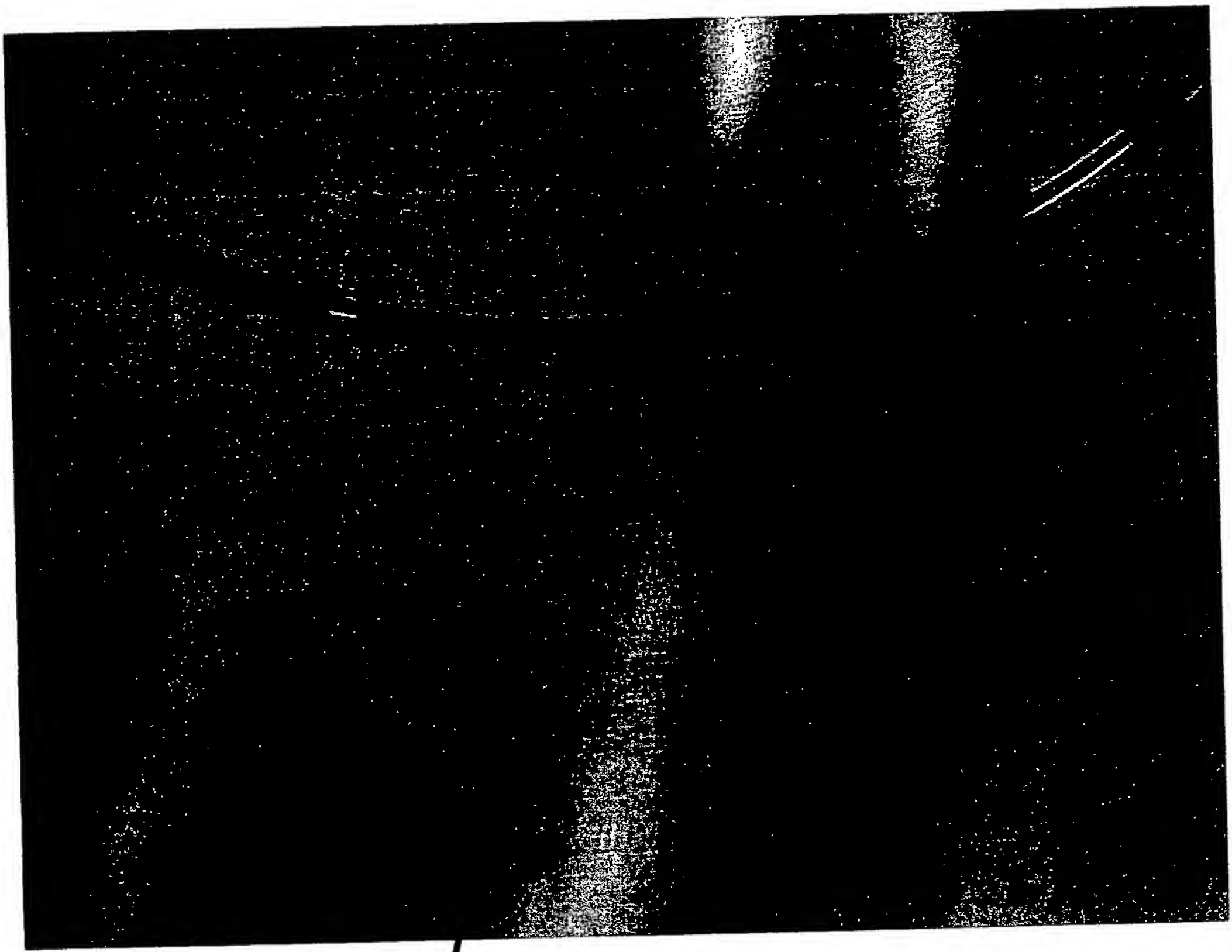
SLEEVES



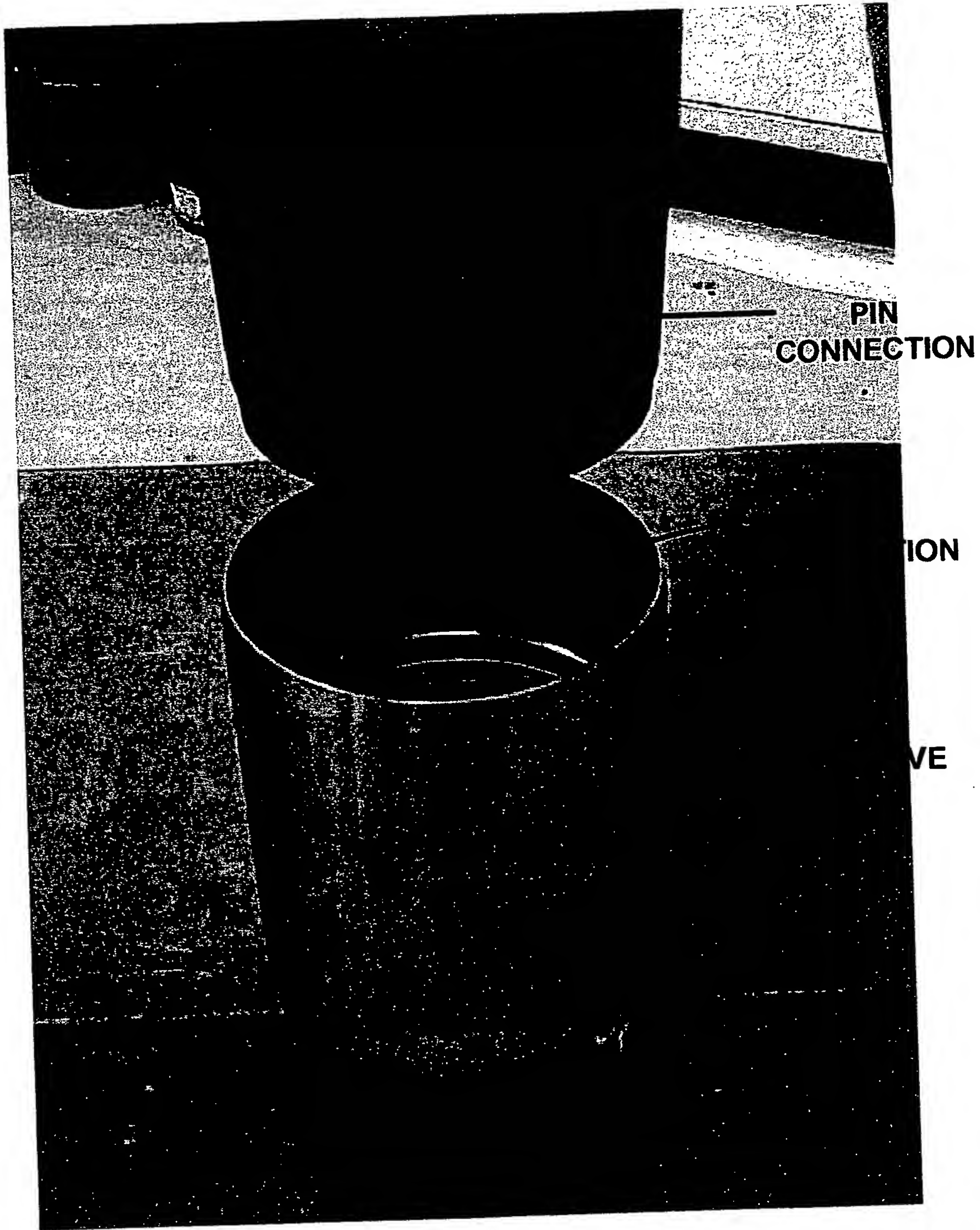
SLEEVE



INTERNAL FLANGE



INTERNAL FLANGE

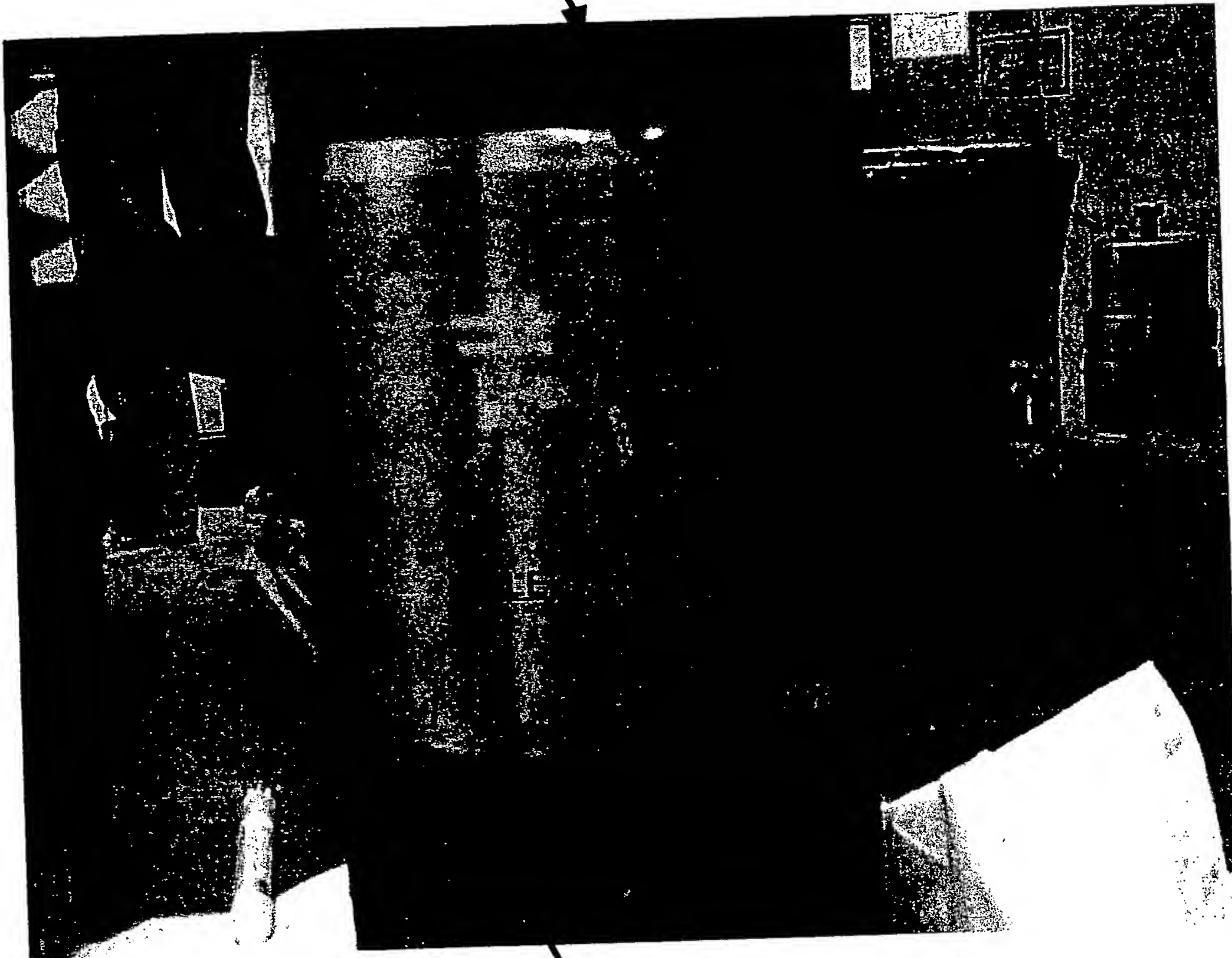




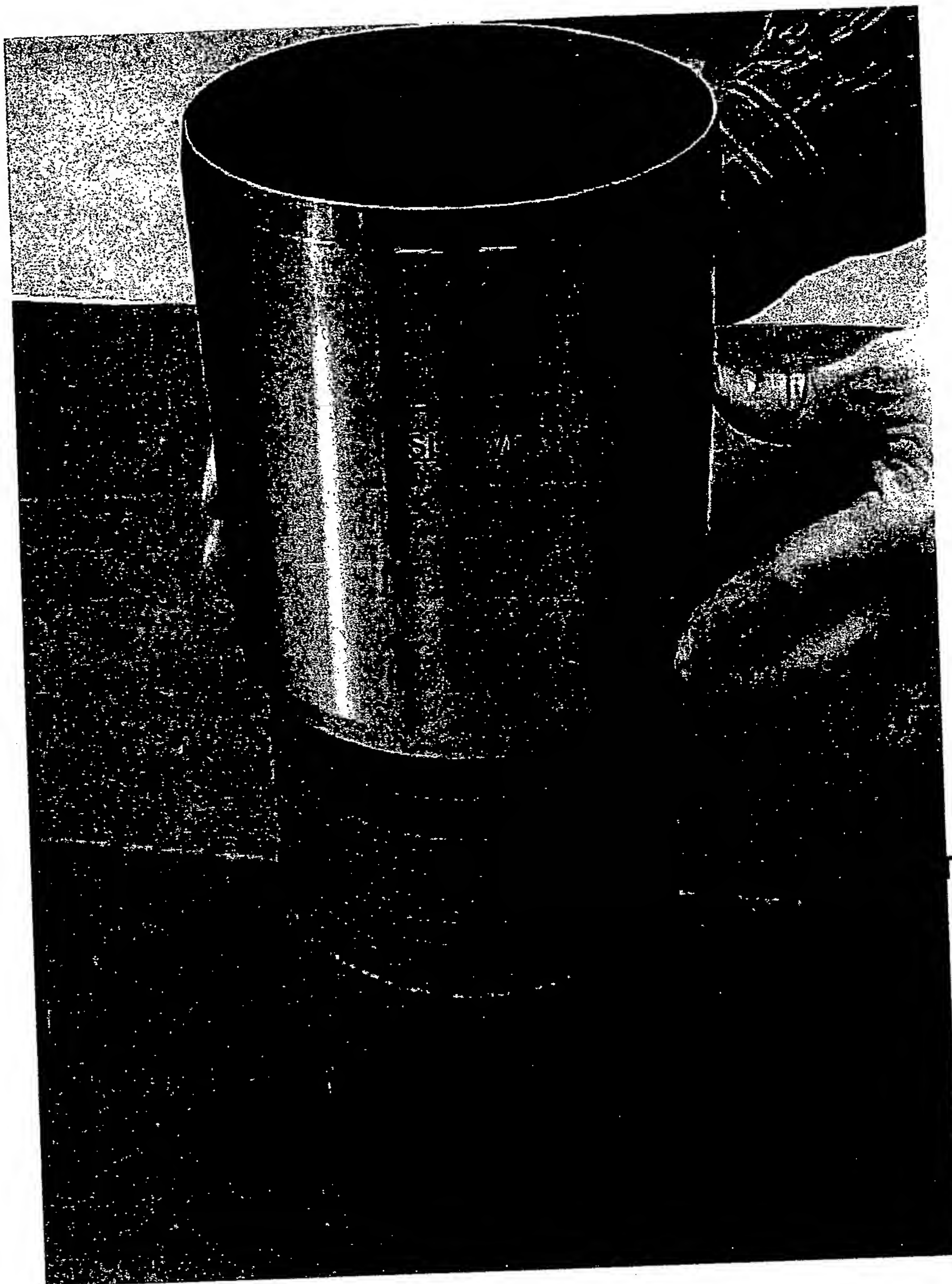
**FULLY ASSEMBLED PIN AND BOX  
THREADED CONNECTION WITH SLEEVE**



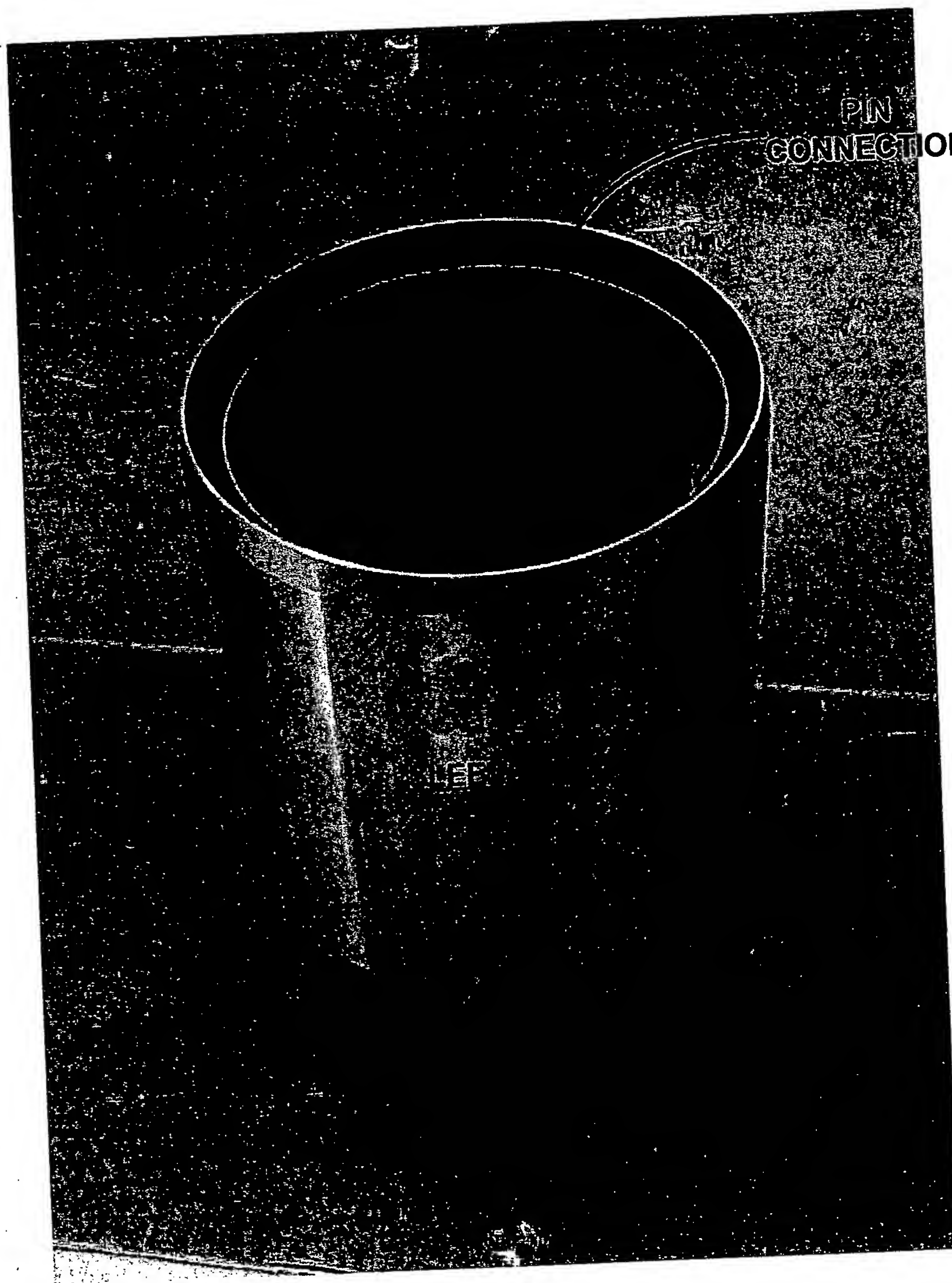
**PIN**



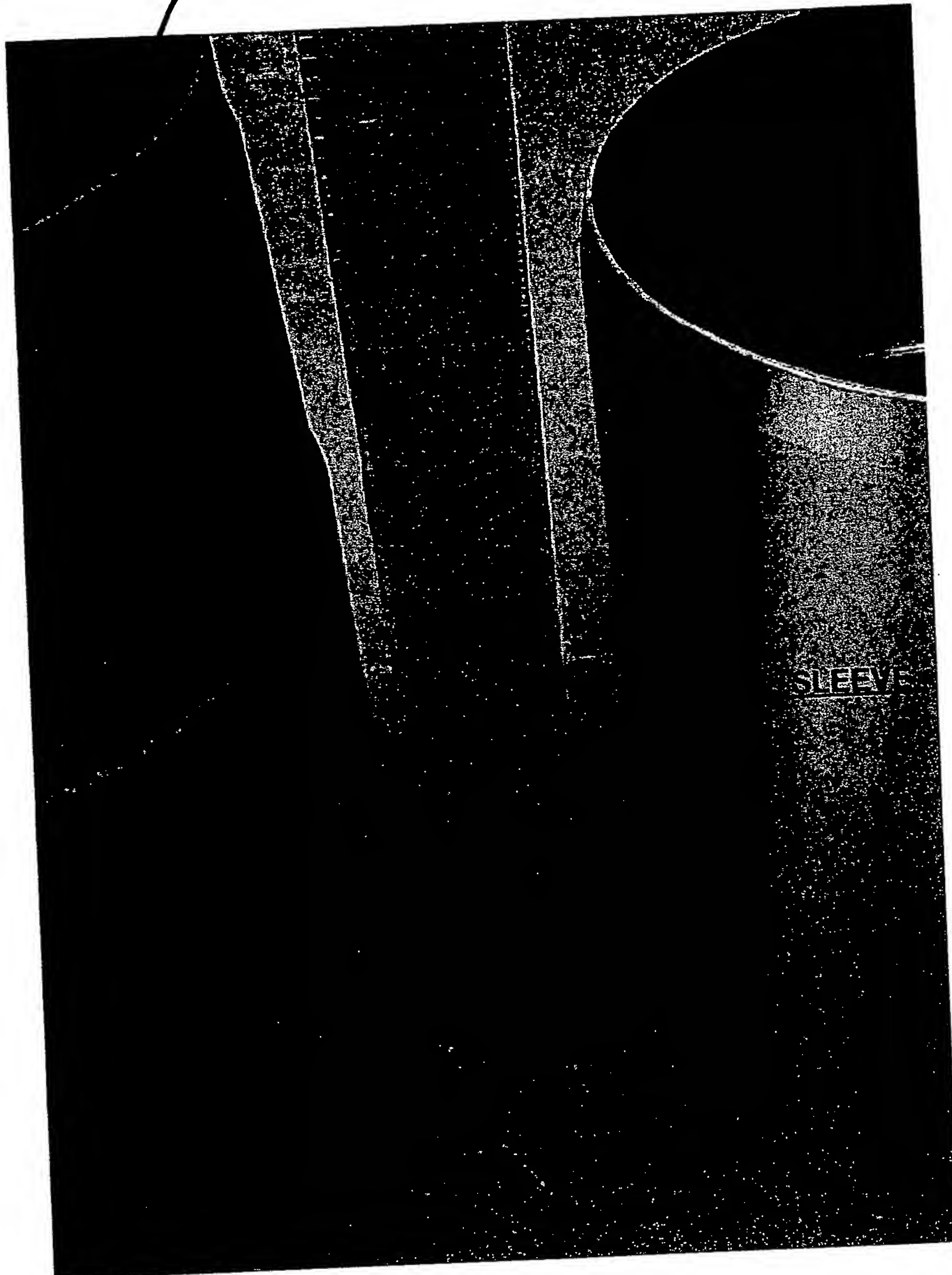
**BOX**



TION



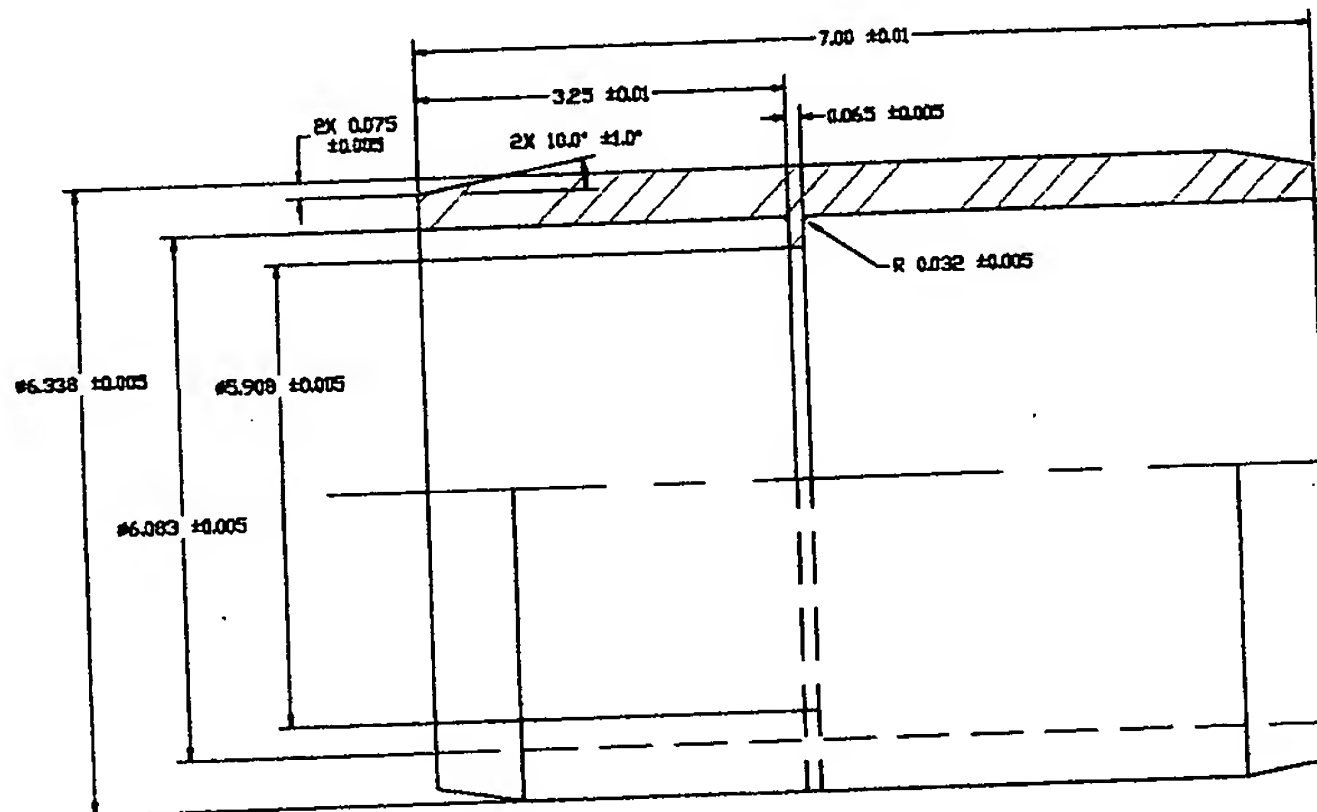
PIN CONNECTION



PIN CONNECTION



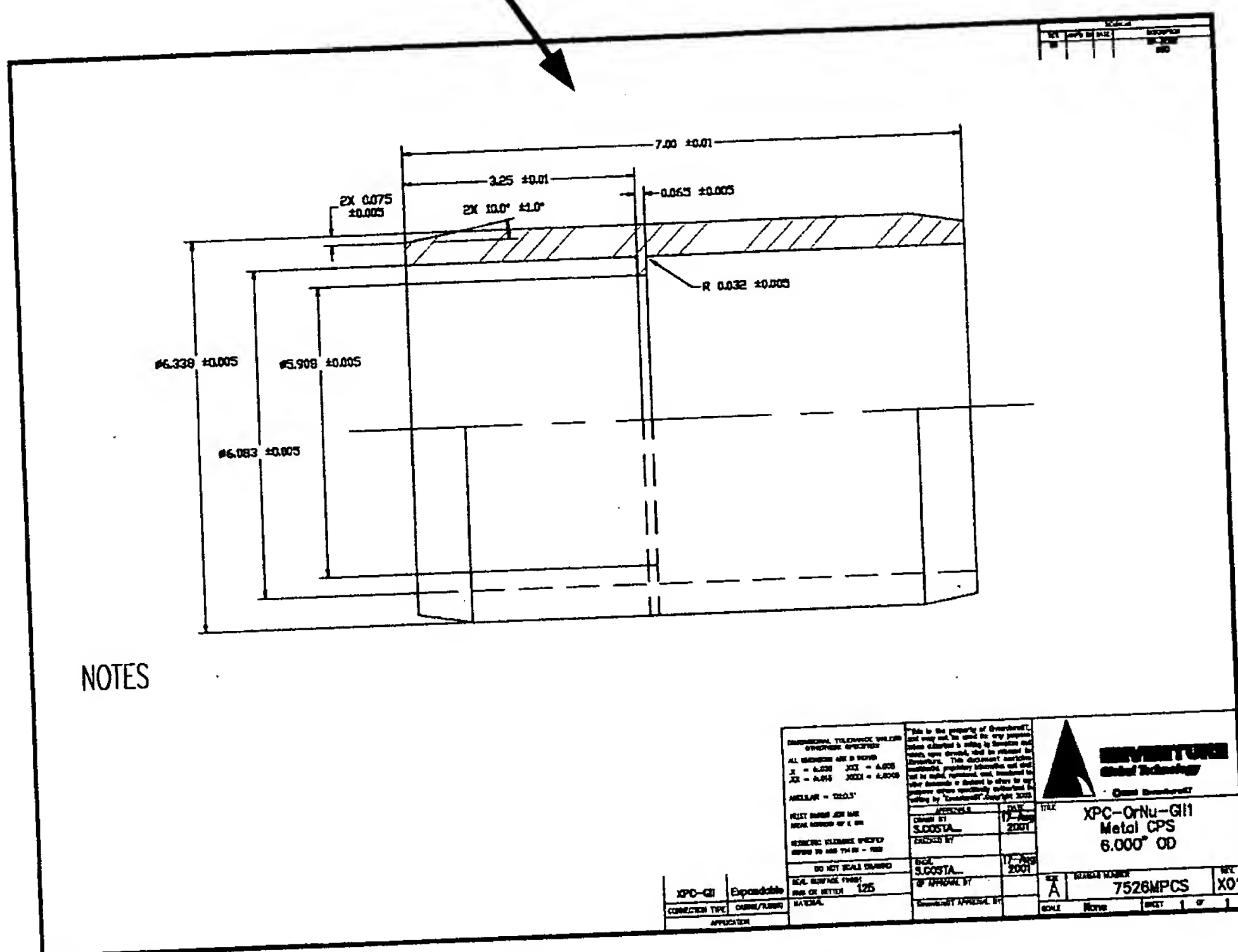
SLEEVE



NOTES

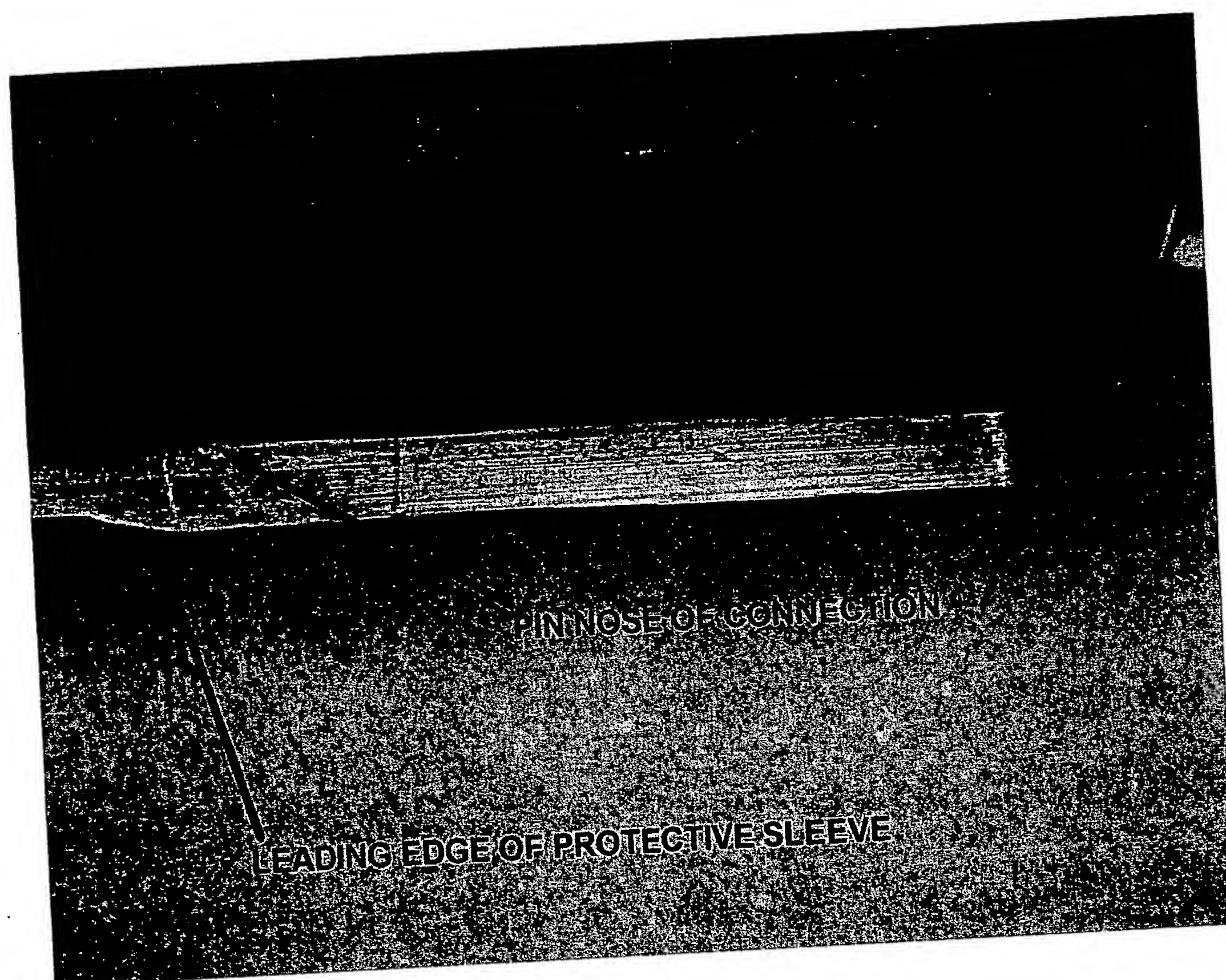
<p>CONSTRUCTION TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>ALL DIMENSIONS ARE IN INCHES</p> <p>± = 0.005    -0.005 = 0.005</p> <p>± = 0.005    -0.005 = 0.005</p> <p>ANGLES = 90°</p> <p>FILED UNDER THE NAME</p> <p>SHOWN DIMENSION OF 1.00</p> <p>MECHANICAL WELDING SPECIFIED</p> <p>SHOWN TO AND 1/16" - 1/8"</p> <p>DO NOT SCALE DIMENSIONS</p> <p>SCALE SURFACE FINISH</p> <p>FINISH OF SURFACE 125</p> <p>MATERIAL</p>		<p>This is the property of Hervey-Turner and may not be used for any purpose other than that for which it was designed. The design, construction, and use of this product are the responsibility of the user. The design, construction, and use of this product are the responsibility of the user.</p> <p>DESIGNED BY</p> <p>DATE</p> <p>APPROVED BY</p> <p>DATE</p> <p>REVISIONS</p> <p>REVISION</p> <p>DATE</p> <p>BY</p> <p>DATE</p>	
<p>XPC-01 Expandable</p> <p>CONNECTOR TYPE CHASE/SLIDING</p> <p>APPLICATION</p>		<p>HERVEY-TURNER Global Technology</p> <p>QMSI International</p> <p>FILE</p> <p>XPC-OrNu-GI1</p> <p>Metal CPS</p> <p>6.000" OD</p> <p>SIZE</p> <p>A</p> <p>QUANTITY ORDERED</p> <p>7526MPCS</p> <p>SCALE</p> <p>None</p> <p>SHEET</p> <p>1 of 1</p>	

# SLEEVE





**CROSS SECTIONAL VIEW OF THREADED CONNECTION AFTER RADIAL  
EXPANSION WITH EXTERNAL PROTECTIVE SLEEVE**





**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☒ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER: \_\_\_\_\_**

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**